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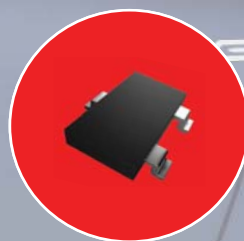
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AUTOMOTIVE

N/P Channel MOSFETs

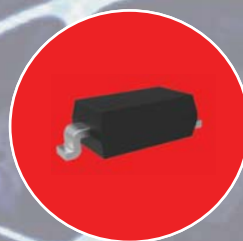
Part Number	Package	Channel	Power Rating	Drain-Source Voltage	Gate Source Voltage	Drain Current	Static Drain-Source On-Resistance			Gate Threshold Voltage (Min)	Gate Threshold Voltage (Max)	Input Capacitance	ESD Diodes (V/N)
			P _D (W)	V _{DS} (V)	V _{GS} (V)	I _D (A)	R _{DS(on)} (Ω) @10V	R _{DS(on)} (Ω) @4.5V	R _{DS(on)} (Ω) @2.5V	V _{GS(th)} (V)	V _{GS(th)} (V)	C _{iss} (pF)	
MCMN2014HE3	DFN2020-6LE	N	-	12	±8.0	15.0	-	0.009	0.011	0.4	1.1	1791	No
SI3404HE3	SOT-23	N	0.35	30	±20	5.8	0.028	0.042	-	1	3	820	No
BSS138HE3	SOT-23	N	0.35	50	±20	0.22	2.5	3.0	-	0.8	1.5	27	No
2N7002KHE3	SOT-23	N	0.35	60	±20	0.34	2.5	3.0	-	1.0	2.5	40	Yes
2N7002KWHE3	SOT-323	N	0.2	60	±20	0.34	2.5	3.0	-	1.0	2.0	40	Yes
SI3401AHE3	SOT-23	P	1.3	-30	±12	-4.2	0.06	0.07	0.085	-0.7	-1.3	1050	No



ESD Protection Devices

ESD Protection Devices

Part Number	Package	Channel	Peak Power Dissipation	Reverse Standoff Voltage	Maximum Reverse Leakage Current	Test Current	Breakdown Voltage		Maximum Clamping Voltage	Maximum Peak Pulse Current	Junction Capacitance
			P_{PK} (W)	V_{RWM} (V)	I_R (uA)	I_T (mA)	V_{BR} (V) Min	V_{BR} (V) Max	V_C (V)	I_{PP} (A)	C_J (pF)
ESD1524D3BHE3	SOD-323	1	160	15	0.05	1.0	17.1	-	50	5.0	10
SM24BHE3	SOT-23	2	300	24	0.2	1.0	27	-	50	4.0	20



400W TVS

Part Number		Package	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P _{PK} (W)	V _{RWM} (V)	I _R (μA)	V _C (V)	I _{PP} (A)	V _{BR} (V) Min	V _{BR} (V) Max	I _T (mA)
SMAJ10AHE3	SMAJ10CAHE3	SMA	400	10	5	17	23.5	11.1	12.3	1
SMAJ11AHE3	SMAJ11CAHE3	SMA	400	11	1	18.2	22	12.2	13.5	1
SMAJ12AHE3	SMAJ12CAHE3	SMA	400	12	1	19.9	20.1	13.3	14.7	1
SMAJ13AHE3	SMAJ13CAHE3	SMA	400	13	1	21.5	18.6	14.4	15.9	1
SMAJ14AHE3	SMAJ14CAHE3	SMA	400	14	1	23.2	17.2	15.6	17.2	1
SMAJ15AHE3	SMAJ15CAHE3	SMA	400	15	1	24.4	16.4	16.7	18.5	1
SMAJ16AHE3	SMAJ16CAHE3	SMA	400	16	1	26	15.3	17.8	19.7	1
SMAJ17AHE3	SMAJ17CAHE3	SMA	400	17	1	27.6	14.5	18.9	20.9	1
SMAJ18AHE3	SMAJ18CAHE3	SMA	400	18	1	29.2	13.7	20	22.1	1
SMAJ20AHE3	SMAJ20CAHE3	SMA	400	20	1	32.4	12.3	22.2	24.5	1
SMAJ22AHE3	SMAJ22CAHE3	SMA	400	22	1	35.5	11.2	24.4	26.9	1
SMAJ24AHE3	SMAJ24CAHE3	SMA	400	24	1	38.9	10.3	26.7	29.5	1
SMAJ26AHE3	SMAJ26CAHE3	SMA	400	26	1	42.1	9.5	28.9	31.9	1
SMAJ28AHE3	SMAJ28CAHE3	SMA	400	28	1	45.4	8.8	31.1	34.4	1
SMAJ30AHE3	SMAJ30CAHE3	SMA	400	30	1	48.4	8.3	33.3	36.8	1
SMAJ33AHE3	SMAJ33CAHE3	SMA	400	33	1	53.3	7.5	36.7	40.6	1
SMAJ36AHE3	SMAJ36CAHE3	SMA	400	36	1	58.1	6.9	40	44.2	1
SMAJ40AHE3	SMAJ40CAHE3	SMA	400	40	1	64.5	6.2	44.4	49.1	1
SMAJ43AHE3	SMAJ43CAHE3	SMA	400	43	1	69.4	5.7	47.8	52.8	1
SMAJ45AHE3	SMAJ45CAHE3	SMA	400	45	1	72.7	5.5	50	55.3	1
SMAJ48AHE3	SMAJ48CAHE3	SMA	400	48	1	77.4	5.2	53.3	58.9	1
SMAJ51AHE3	SMAJ51CAHE3	SMA	400	51	1	82.4	4.9	56.7	62.7	1
SMAJ54AHE3	SMAJ54CAHE3	SMA	400	54	1	87.1	4.6	60	66.3	1
SMAJ58AHE3	SMAJ58CAHE3	SMA	400	58	1	93.6	4.3	64.4	71.2	1
SMAJ60AHE3	SMAJ60CAHE3	SMA	400	60	1	96.8	4.1	66.7	73.7	1
SMAJ64AHE3	SMAJ64CAHE3	SMA	400	64	1	103	3.9	71.1	78.6	1
SMAJ70AHE3	SMAJ70CAHE3	SMA	400	70	1	113	3.5	77.8	86	1
SMAJ75AHE3	SMAJ75CAHE3	SMA	400	75	1	121	3.3	83.3	92.1	1
SMAJ78AHE3	SMAJ78CAHE3	SMA	400	78	1	126	2.2	86.7	95.8	1
SMAJ80AHE3	SMAJ80CAHE3	SMA	400	80	1	129	3.1	88.8	97.6	1
SMAJ85AHE3	SMAJ85CAHE3	SMA	400	85	1	137	2.9	94.4	104	1
SMAJ90AHE3	SMAJ90CAHE3	SMA	400	90	1	146	2.7	100	111	1
SMAJ100AHE3	SMAJ100CAHE3	SMA	400	100	1	162	2.5	111	123	1
SMAJ110AHE3	SMAJ110CAHE3	SMA	400	110	1	177	2.3	122	135	1
SMAJ120AHE3	SMAJ120CAHE3	SMA	400	120	1	193	2.1	133	147	1
SMAJ130AHE3	SMAJ130CAHE3	SMA	400	130	1	209	1.9	144	159	1
SMAJ140AHE3	SMAJ140CAHE3	SMA	400	140	1	227	1.8	155	171	1
SMAJ150AHE3	SMAJ150CAHE3	SMA	400	150	1	243	1.7	167	185	1
SMAJ160AHE3	SMAJ160CAHE3	SMA	400	160	1	259	1.5	178	197	1
SMAJ170AHE3	SMAJ170CAHE3	SMA	400	170	1	275	1.5	189	209	1
SMAJ180AHE3	SMAJ180CAHE3	SMA	400	180	1	292	1.4	200	220	1
SMAJ190AHE3	SMAJ190CAHE3	SMA	400	190	1	308	1.3	211	232	1
SMAJP4KE12AHE3	SMAJP4KE12CAHE3	SMA	400	10.2	5	16.7	24.6	11.4	12.6	1
SMAJP4KE13AHE3	SMAJP4KE13CAHE3	SMA	400	11.1	1	18.2	22.5	12.4	13.7	1

Transient Voltage Suppressors

400W/600W TVS

Part Number		Package	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P _{PK} (W)	V _{RWM} (V)	I _R (μA)	V _C (V)	I _{PP} (A)	V _{BR} (V) Min	V _{BR} (V) Max	I _T (mA)
SMAJP4KE15AHE3	SMAJP4KE15CAHE3	SMA	400	12.8	1	21.2	19.3	14.3	15.8	1
SMAJP4KE16AHE3	SMAJP4KE16CAHE3	SMA	400	13.6	1	22.5	18.2	15.2	16.8	1
SMAJP4KE18AHE3	SMAJP4KE18CAHE3	SMA	400	15.3	1	25.5	16.1	17.1	18.9	1
SMAJP4KE20AHE3	SMAJP4KE20CAHE3	SMA	400	17.1	1	27.7	14.8	19	21	1
SMAJP4KE22AHE3	SMAJP4KE22CAHE3	SMA	400	18.8	1	30.6	13.4	20.9	23.1	1
SMAJP4KE24AHE3	SMAJP4KE24CAHE3	SMA	400	20.5	1	33.2	12.3	22.8	25.2	1
SMAJP4KE27AHE3	SMAJP4KE27CAHE3	SMA	400	23.1	1	37.5	10.9	25.7	28.4	1
SMAJP4KE30AHE3	SMAJP4KE30CAHE3	SMA	400	25.6	1	41.4	9.9	28.5	31.5	1
SMAJP4KE33AHE3	SMAJP4KE33CAHE3	SMA	400	28.2	1	45.7	9	31.4	34.7	1
SMAJP4KE36AHE3	SMAJP4KE36CAHE3	SMA	400	30.8	1	49.9	8.2	34.2	37.8	1
SMAJP4KE39AHE3	SMAJP4KE39CAHE3	SMA	400	33.3	1	53.9	7.6	37.1	41	1
SMAJP4KE43AHE3	SMAJP4KE43CAHE3	SMA	400	36.8	1	59.3	6.9	40.9	45.2	1
SMAJP4KE47AHE3	SMAJP4KE47CAHE3	SMA	400	40.2	1	64.8	6.3	44.7	49.4	1
SMAJP4KE51AHE3	SMAJP4KE51CAHE3	SMA	400	43.6	1	70.1	5.8	48.5	53.6	1
SMAJP4KE56AHE3	SMAJP4KE56CAHE3	SMA	400	47.8	1	77	5.3	53.2	58.8	1
SMAJP4KE62AHE3	SMAJP4KE62CAHE3	SMA	400	53	1	85	4.8	58.9	65.1	1
SMAJP4KE68AHE3	SMAJP4KE68CAHE3	SMA	400	58.1	1	92	4.5	64.6	71.4	1
SMAJP4KE75AHE3	SMAJP4KE75CAHE3	SMA	400	64.1	1	103	4	71.3	78.8	1
SMAJP4KE82AHE3	SMAJP4KE82CAHE3	SMA	400	70.1	1	113	3.6	77.9	86.1	1
SMAJP4KE91AHE3	SMAJP4KE91CAHE3	SMA	400	77.8	1	125	3.3	86.5	95.5	1
SMAJP4KE100AHE3	SMAJP4KE100CAHE3	SMA	400	85.5	1	137	3	95	105	1
SMAJP4KE110AHE3	SMAJP4KE110CAHE3	SMA	400	94	1	152	2.7	105	116	1
SMAJP4KE120AHE3	SMAJP4KE120CAHE3	SMA	400	102	1	165	2.5	114	126	1
SMAJP4KE130AHE3	SMAJP4KE130CAHE3	SMA	400	111	1	179	2.3	124	137	1
SMAJP4KE150AHE3	SMAJP4KE150CAHE3	SMA	400	128	1	207	2	143	158	1
SMAJP4KE160AHE3	SMAJP4KE160CAHE3	SMA	400	136	1	219	1.9	152	168	1
SMAJP4KE170AHE3	SMAJP4KE170CAHE3	SMA	400	145	1	234	1.8	162	179	1
SMAJP4KE180AHE3	SMAJP4KE180CAHE3	SMA	400	154	1	246	1.7	171	189	1
SMAJP4KE200AHE3	SMAJP4KE200CAHE3	SMA	400	171	1	274	1.5	190	210	1
SMAJP4KE220AHE3	SMAJP4KE220CAHE3	SMA	400	185	1	328	1.2	209	231	1
SMA6J13AHE3	SMA6J13CAHE3	SMA	600	13	1	21.5	27.9	14.4	15.9	1
SMA6J14AHE3	SMA6J14CAHE3	SMA	600	14	1	23.2	25.9	15.6	17.2	1
SMA6J15AHE3	SMA6J15CAHE3	SMA	600	15	1	24.4	24.6	16.7	18.5	1
SMA6J16AHE3	SMA6J16CAHE3	SMA	600	16	1	26	23.1	17.8	19.7	1
SMA6J17AHE3	SMA6J17CAHE3	SMA	600	17	1	27.6	21.7	18.9	20.9	1
SMA6J18AHE3	SMA6J18CAHE3	SMA	600	18	1	29.2	20.5	20	22.1	1
SMA6J19AHE3	SMA6J19CAHE3	SMA	600	19	1	30.8	19.5	21.1	23.3	1
SMA6J20AHE3	SMA6J20CAHE3	SMA	600	20	1	32.4	18.5	22.2	24.5	1
SMA6J22AHE3	SMA6J22CAHE3	SMA	600	22	1	35.5	16.9	24.4	26.9	1
SMA6J24AHE3	SMA6J24CAHE3	SMA	600	24	1	38.9	15.4	26.7	29.5	1
SMA6J26AHE3	SMA6J26CAHE3	SMA	600	26	1	42.1	14.3	28.9	31.9	1
SMA6J28AHE3	SMA6J28CAHE3	SMA	600	28	1	45.4	13.2	31.1	34.4	1
SMA6J30AHE3	SMA6J30CAHE3	SMA	600	30	1	48.4	12.4	33.3	36.8	1
SMA6J33AHE3	SMA6J33CAHE3	SMA	600	33	1	53.3	11.3	36.7	40.6	1

600W TVS

Part Number		Package	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P _{PK} (W)	V _{RWM} (V)	I _R (μA)	V _C (V)	I _{PP} (A)	V _{BR} (V) Min	V _{BR} (V) Max	I _T (mA)
SMA6J36AHE3	SMA6J36CAHE3	SMA	600	36	1	58.1	10.3	40	44.2	1
SMA6J40AHE3	SMA6J40CAHE3	SMA	600	40	1	64.5	9.3	44.4	49.1	1
SMBJ10AHE3	SMBJ10CAHE3	SMB	600	10	1	17	35.3	11.1	12.3	1
SMBJ11AHE3	SMBJ11CAHE3	SMB	600	11	5	18.2	33	12.2	13.5	1
SMBJ12AHE3	SMBJ12CAHE3	SMB	600	12	5	19.9	30.2	13.3	14.7	1
SMBJ13AHE3	SMBJ13CAHE3	SMB	600	13	5	21.5	27.9	14.4	15.9	1
SMBJ14AHE3	SMBJ14CAHE3	SMB	600	14	5	23.2	25.8	15.6	17.2	1
SMBJ15AHE3	SMBJ15CAHE3	SMB	600	15	5	24.4	24	16.7	18.5	1
SMBJ16AHE3	SMBJ16CAHE3	SMB	600	16	5	26	23.1	17.8	19.7	1
SMBJ17AHE3	SMBJ17CAHE3	SMB	600	17	5	27.6	21.7	18.9	20.9	1
SMBJ18AHE3	SMBJ18CAHE3	SMB	600	18	5	29.2	20.5	20	22.1	1
SMBJ20AHE3	SMBJ20CAHE3	SMB	600	20	5	32.4	18.5	22.2	24.5	1
SMBJ22AHE3	SMBJ22CAHE3	SMB	600	22	5	35.5	16.9	24.4	26.9	1
SMBJ24AHE3	SMBJ24CAHE3	SMB	600	24	5	38.9	15.4	26.7	29.5	1
SMBJ26AHE3	SMBJ26CAHE3	SMB	600	26	5	42.1	14.2	28.9	31.9	1
SMBJ28AHE3	SMBJ28CAHE3	SMB	600	28	5	45.4	13.2	31.1	34.4	1
SMBJ30AHE3	SMBJ30CAHE3	SMB	600	30	5	48.4	12.4	33.3	36.8	1
SMBJ33AHE3	SMBJ33CAHE3	SMB	600	33	5	53.3	11.3	36.7	40.6	1
SMBJ36AHE3	SMBJ36CAHE3	SMB	600	36	5	58.1	10.3	40	44.2	1
SMBJ40AHE3	SMBJ40CAHE3	SMB	600	40	5	64.5	9.3	44.4	49.1	1
SMBJ43AHE3	SMBJ43CAHE3	SMB	600	43	5	69.4	8.6	47.8	52.8	1
SMBJ45AHE3	SMBJ45CAHE3	SMB	600	45	5	72.7	8.3	50	55.3	1
SMBJ48AHE3	SMBJ48CAHE3	SMB	600	48	5	77.4	7.7	53.3	58.9	1
SMBJ51AHE3	SMBJ51CAHE3	SMB	600	51	5	82.4	7.3	56.7	62.7	1
SMBJ54AHE3	SMBJ54CAHE3	SMB	600	54	5	87.1	6.9	60	66.3	1
SMBJ58AHE3	SMBJ58CAHE3	SMB	600	58	5	93.6	6.4	64.4	71.2	1
SMBJ60AHE3	SMBJ60CAHE3	SMB	600	60	5	96.8	6.2	66.7	73.7	1
SMBJ64AHE3	SMBJ64CAHE3	SMB	600	64	5	103	5.8	71.1	78.6	1
SMBJ70AHE3	SMBJ70CAHE3	SMB	600	70	5	113	5.3	77.8	86	1
SMBJ75AHE3	SMBJ75CAHE3	SMB	600	75	5	121	4.9	83.3	92.1	1
SMBJ78AHE3	SMBJ78CAHE3	SMB	600	78	5	126	4.7	86.7	95.8	1
SMBJ80AHE3	SMBJ80CAHE3	SMB	600	80	1	129.6	4.6	88.8	97.6	1
SMBJ85AHE3	SMBJ85CAHE3	SMB	600	85	1	137	4.4	94.4	104	1
SMBJ90AHE3	SMBJ90CAHE3	SMB	600	90	1	146	4.1	100	111	1
SMBJ100AHE3	SMBJ100CAHE3	SMB	600	100	1	162	3.7	111	123	1
SMBJ110AHE3	SMBJ110CAHE3	SMB	600	110	1	177	3.4	122	135	1
SMBJ120AHE3	SMBJ120CAHE3	SMB	600	120	1	193	3.1	133	147	1
SMBJ130AHE3	SMBJ130CAHE3	SMB	600	130	1	209	2.9	144	159	1
SMBJ140AHE3	SMBJ140CAHE3	SMB	600	140	1	140	2.6	155	171	1
SMBJ150AHE3	SMBJ150CAHE3	SMB	600	150	1	243	2.5	167	185	1
SMBJ160AHE3	SMBJ160CAHE3	SMB	600	160	1	259	2.3	178	197	1
SMBJ170AHE3	SMBJ170CAHE3	SMB	600	170	1	275	2.2	189	209	1
SMBJ180AHE3	SMBJ180CAHE3	SMB	600	180	1	292	2.1	201	222	1
SMBJ190AHE3	SMBJ190CAHE3	SMB	600	190	1	190	1.9	211	232	1

Transient Voltage Suppressors

400W/1500W TVS

Part Number		Package	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P _{PK} (W)	V _{RWM} (V)	I _{RS} (μA)	V _C (V)	I _{PP} (A)	V _{BR} (V) Min	V _{BR} (V) Max	I _T (mA)
SMBJP6KE12AHE3	SMBJP6KE12CAHE3	SMB	600	10.2	5	16.7	36.5	11.4	12.6	1
SMBJP6KE13AHE3	SMBJP6KE13CAHE3	SMB	600	11.1	1	18.2	33.5	12.4	13.7	1
SMBJP6KE15AHE3	SMBJP6KE15CAHE3	SMB	600	12.8	1	21.2	28.8	14.3	15.8	1
SMBJP6KE16AHE3	SMBJP6KE16CAHE3	SMB	600	13.6	1	22.5	27.1	15.2	16.8	1
SMBJP6KE18AHE3	SMBJP6KE18CAHE3	SMB	600	15.3	1	25.5	24.2	17.1	18.9	1
SMBJP6KE20AHE3	SMBJP6KE20CAHE3	SMB	600	17.1	1	27.7	22	19	21	1
SMBJP6KE22AHE3	SMBJP6KE22CAHE3	SMB	600	18.8	1	30.6	19.9	20.9	23.1	1
SMBJP6KE24AHE3	SMBJP6KE24CAHE3	SMB	600	20.5	1	33.2	18.4	22.8	25.2	1
SMBJP6KE27AHE3	SMBJP6KE27CAHE3	SMB	600	23.1	1	37.5	16.3	25.7	28.4	1
SMBJP6KE30AHE3	SMBJP6KE30CAHE3	SMB	600	25.6	1	41.4	14.7	28.5	31.5	1
SMBJP6KE33AHE3	SMBJP6KE33CAHE3	SMB	600	28.2	1	45.7	13.3	31.4	34.7	1
SMBJP6KE36AHE3	SMBJP6KE36CAHE3	SMB	600	30.8	1	49.9	12.2	34.2	37.8	1
SMBJP6KE39AHE3	SMBJP6KE39CAHE3	SMB	600	33.3	1	53.9	11.3	37.1	41	1
SMBJP6KE43AHE3	SMBJP6KE43CAHE3	SMB	600	36.8	1	59.3	10.3	40.9	45.2	1
SMBJP6KE47AHE3	SMBJP6KE47CAHE3	SMB	600	40.2	1	64.8	9.4	44.7	49.4	1
SMBJP6KE51AHE3	SMBJP6KE51CAHE3	SMB	600	43.6	1	70.1	8.7	48.5	53.6	1
SMBJP6KE56AHE3	SMBJP6KE56CAHE3	SMB	600	47.8	1	77	7.9	53.2	58.8	1
SMBJP6KE62AHE3	SMBJP6KE62CAHE3	SMB	600	53	1	85	7.2	58.9	65.1	1
SMBJP6KE68AHE3	SMBJP6KE68CAHE3	SMB	600	58.1	1	92	6.6	64.6	71.4	1
SMBJP6KE75AHE3	SMBJP6KE75CAHE3	SMB	600	64.1	1	103	5.9	71.3	78.8	1
SMBJP6KE82AHE3	SMBJP6KE82CAHE3	SMB	600	70.1	1	113	5.4	77.9	86.1	1
SMBJP6KE91AHE3	SMBJP6KE91CAHE3	SMB	600	77.8	1	125	4.9	86.5	95.5	1
SMBJP6KE110AHE3	SMBJP6KE110CAHE3	SMB	600	94	1	152	4	105	116	1
SMBJP6KE120AHE3	SMBJP6KE120CAHE3	SMB	600	102	1	165	3.7	114	126	1
SMBJP6KE130AHE3	SMBJP6KE130CAHE3	SMB	600	111	1	179	3.4	124	137	1
SMBJP6KE150AHE3	SMBJP6KE150CAHE3	SMB	600	128	1	207	2.9	143	158	1
SMBJP6KE160AHE3	SMBJP6KE160CAHE3	SMB	600	136	1	219	2.8	152	168	1
SMBJP6KE170AHE3	SMBJP6KE170CAHE3	SMB	600	145	1	234	2.6	162	179	1
SMBJP6KE180AHE3	SMBJP6KE180CAHE3	SMB	600	154	1	246	2.5	171	189	1
SMBJP6KE200AHE3	SMBJP6KE200CAHE3	SMB	600	171	1	274	2.2	190	210	1
SMBJP6KE220AHE3	SMBJP6KE220CAHE3	SMB	600	185	1	328	1.9	209	231	1
SMCJ1.5KE12AHE3	SMCJ1.5KE12CAHE3	SMC	1500	10.2	5	16.7	91	11.4	12.6	1
SMCJ1.5KE13AHE3	SMCJ1.5KE13CAHE3	SMC	1500	11.1	1	18.2	83.5	12.4	13.7	1
SMCJ1.5KE15AHE3	SMCJ1.5KE15CAHE3	SMC	1500	12.8	1	21.2	71.7	14.3	15.8	1
SMCJ1.5KE16AHE3	SMCJ1.5KE16CAHE3	SMC	1500	13.6	1	22.5	67.6	15.2	16.8	1
SMCJ1.5KE18AHE3	SMCJ1.5KE18CAHE3	SMC	1500	15.3	1	25.5	60.3	17.1	18.9	1
SMCJ1.5KE20AHE3	SMCJ1.5KE20CAHE3	SMC	1500	17.1	1	27.7	54.9	19	21	1
SMCJ1.5KE22AHE3	SMCJ1.5KE22CAHE3	SMC	1500	18.8	1	30.6	49.7	20.9	23.1	1
SMCJ1.5KE24AHE3	SMCJ1.5KE24CAHE3	SMC	1500	20.5	1	33.2	45.8	22.8	25.2	1
SMCJ1.5KE27AHE3	SMCJ1.5KE27CAHE3	SMC	1500	23.1	1	37.5	40.5	25.7	28.4	1
SMCJ1.5KE30AHE3	SMCJ1.5KE30CAHE3	SMC	1500	25.6	1	41.4	36.7	28.5	31.5	1
SMCJ1.5KE33AHE3	SMCJ1.5KE33CAHE3	SMC	1500	28.2	1	45.7	33.3	31.4	34.7	1
SMCJ1.5KE36AHE3	SMCJ1.5KE36CAHE3	SMC	1500	30.8	1	49.9	30.5	34.2	37.8	1
SMCJ1.5KE39AHE3	SMCJ1.5KE39CAHE3	SMC	1500	33.3	1	53.9	28.2	37.1	41	1

1500W TVS

Part Number		Package	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P _{PK} (W)	V _{RWM} (V)	I _R (μA)	V _C (V)	I _{PP} (A)	V _{BR} (V) Min	V _{BR} (V) Max	I _T (mA)
SMCJ1.5KE43AHE3	SMCJ1.5KE43CAHE3	SMC	1500	36.8	1	59.3	25.6	40.9	45.2	1
SMCJ1.5KE47AHE3	SMCJ1.5KE47CAHE3	SMC	1500	40.2	1	64.8	23.5	44.7	49.4	1
SMCJ1.5KE51AHE3	SMCJ1.5KE51CAHE3	SMC	1500	43.6	1	70.1	21.7	48.5	53.6	1
SMCJ1.5KE56AHE3	SMCJ1.5KE56CAHE3	SMC	1500	47.8	1	77	19.7	53.2	58.8	1
SMCJ1.5KE62AHE3	SMCJ1.5KE62CAHE3	SMC	1500	53	1	85	17.9	58.9	65.1	1
SMCJ1.5KE68AHE3	SMCJ1.5KE68CAHE3	SMC	1500	58.1	1	92	16.5	64.6	71.4	1
SMCJ1.5KE75AHE3	SMCJ1.5KE75CAHE3	SMC	1500	64.1	1	103	14.8	71.3	78.8	1
SMCJ1.5KE82AHE3	SMCJ1.5KE82CAHE3	SMC	1500	70.1	1	113	13.5	77.9	86.1	1
SMCJ1.5KE91AHE3	SMCJ1.5KE91CAHE3	SMC	1500	77.8	1	125	12.2	86.5	95.5	1
SMCJ1.5KE100AHE3	SMCJ1.5KE100CAHE3	SMC	1500	85.5	1	137	11	95	105	1
SMCJ1.5KE110AHE3	SMCJ1.5KE110CAHE3	SMC	1500	94	1	152	9.9	104.5	115.5	1
SMCJ1.5KE120AHE3	SMCJ1.5KE120CAHE3	SMC	1500	102	1	165	9.1	114	126	1
SMCJ1.5KE130AHE3	SMCJ1.5KE130CAHE3	SMC	1500	111	1	179	8.4	123.5	136.5	1
SMCJ1.5KE150AHE3	SMCJ1.5KE150CAHE3	SMC	1500	128	1	207	7.3	142.5	157.5	1
SMCJ1.5KE160AHE3	SMCJ1.5KE160CAHE3	SMC	1500	136	5	219	6.9	152	168	1
SMCJ1.5KE170AHE3	SMCJ1.5KE170CAHE3	SMC	1500	145	5	234	6.4	161.5	178.5	1
SMCJ1.5KE180AHE3	SMCJ1.5KE180CAHE3	SMC	1500	154	5	246	6.1	171	189	1
SMCJ1.5KE200AHE3	SMCJ1.5KE200CAHE3	SMC	1500	171	5	274	5.5	190	210	1
SMCJ1.5KE220AHE3	SMCJ1.5KE220CAHE3	SMC	1500	185	5	328	4.6	209	231	1
SMCJ10AHE3	SMCJ10CAHE3	SMC	1500	10	5	17	88.2	11.1	12.3	1
SMCJ11AHE3	SMCJ11CAHE3	SMC	1500	11	1	18.2	82.4	12.2	13.5	1
SMCJ12AHE3	SMCJ12CAHE3	SMC	1500	12	1	19.9	75.3	13.3	14.7	1
SMCJ13AHE3	SMCJ13CAHE3	SMC	1500	13	1	21.5	69.7	14.4	15.9	1
SMCJ14AHE3	SMCJ14CAHE3	SMC	1500	14	1	23.2	64.7	15.6	17.2	1
SMCJ15AHE3	SMCJ15CAHE3	SMC	1500	15	1	24.4	61.5	16.7	18.5	1
SMCJ16AHE3	SMCJ16CAHE3	SMC	1500	16	1	26	57.7	17.8	19.7	1
SMCJ17AHE3	SMCJ17CAHE3	SMC	1500	17	1	27.6	53.3	18.9	20.9	1
SMCJ18AHE3	SMCJ18CAHE3	SMC	1500	18	1	29.2	51.4	20	22.1	1
SMCJ20AHE3	SMCJ20CAHE3	SMC	1500	20	1	32.4	46.3	22.2	24.5	1
SMCJ22AHE3	SMCJ22CAHE3	SMC	1500	22	1	35.5	42.2	24.4	26.9	1
SMCJ24AHE3	SMCJ24CAHE3	SMC	1500	24	1	38.9	38.6	26.7	29.5	1
SMCJ26AHE3	SMCJ26CAHE3	SMC	1500	26	1	42.1	35.6	28.9	31.9	1
SMCJ28AHE3	SMCJ28CAHE3	SMC	1500	28	1	45.4	33	31.1	34.4	1
SMCJ30AHE3	SMCJ30CAHE3	SMC	1500	30	1	48.4	31	33.3	36.8	1
SMCJ33AHE3	SMCJ33CAHE3	SMC	1500	33	1	53.3	28.1	36.7	40.6	1
SMCJ36AHE3	SMCJ36CAHE3	SMC	1500	36	1	58.1	25.8	40	44.2	1
SMCJ40AHE3	SMCJ40CAHE3	SMC	1500	40	1	64.5	23.2	44.4	49.1	1
SMCJ43AHE3	SMCJ43CAHE3	SMC	1500	43	1	69.4	21.6	47.8	52.8	1
SMCJ45AHE3	SMCJ45CAHE3	SMC	1500	45	1	72.7	20.6	50	55.3	1
SMCJ48AHE3	SMCJ48CAHE3	SMC	1500	48	1	77.4	19.4	53.3	58.9	1
SMCJ51AHE3	SMCJ51CAHE3	SMC	1500	51	1	82.4	18.2	56.7	62.7	1
SMCJ54AHE3	SMCJ54CAHE3	SMC	1500	54	1	87.1	17.2	60	66.3	1
SMCJ58AHE3	SMCJ58CAHE3	SMC	1500	58	1	93.6	16	64.4	71.2	1
SMCJ60AHE3	SMCJ60CAHE3	SMC	1500	60	1	96.8	15.5	66.7	73.7	1

Transient Voltage Suppressors

1500W/3000W TVS

Part Number		Package	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P _{PK} (W)	V _{RWM} (V)	I _R (uA)	V _C (V)	I _{PP} (A)	V _{BR} (V) Min	V _{BR} (V) Max	I _T (mA)
SMCJ64AHE3	SMCJ64CAHE3	SMC	1500	64	1	103	14.6	71.1	78.6	1
SMCJ70AHE3	SMCJ70CAHE3	SMC	1500	70	1	113	13.3	77.8	86	1
SMCJ75AHE3	SMCJ75CAHE3	SMC	1500	75	1	121	12.4	83.3	92.1	1
SMCJ78AHE3	SMCJ78CAHE3	SMC	1500	78	1	126	11.9	86.7	95.8	1
SMCJ80AHE3	SMCJ80CAHE3	SMC	1500	80	1	129.6	11.6	88.8	97.6	1
SMCJ85AHE3	SMCJ85CAHE3	SMC	1500	85	1	137	11	94.4	104	1
SMCJ90AHE3	SMCJ90CAHE3	SMC	1500	90	1	146	10.3	100	111	1
SMCJ100AHE3	SMCJ100CAHE3	SMC	1500	100	1	162	9.3	111	123	1
SMCJ110AHE3	SMCJ110CAHE3	SMC	1500	110	1	177	8.5	122	135	1
SMCJ120AHE3	SMCJ120CAHE3	SMC	1500	120	1	193	7.8	133	147	1
SMCJ130AHE3	SMCJ130CAHE3	SMC	1500	130	1	209	7.2	144	159	1
SMCJ150AHE3	SMCJ150CAHE3	SMC	1500	150	1	243	6.2	167	185	1
SMCJ160AHE3	SMCJ160CAHE3	SMC	1500	160	1	259	5.8	178	197	1
SMCJ170AHE3	SMCJ170CAHE3	SMC	1500	170	1	275	5.5	189	209	1
SMCJ180AHE3	SMCJ180CAHE3	SMC	1500	180	1	292	5.1	200	220	1
SMCJ190AHE3	SMCJ190CAHE3	SMC	1500	190	1	307.8	4.9	211	232	1
SMLJ10AHE3A	SMLJ10CAHE3A	SMC	3000	10	5	17	176.4	11.1	12.3	1
SMLJ11AHE3A	SMLJ11CAHE3A	SMC	3000	11	5	18.2	164.8	12.2	13.5	1
SMLJ12AHE3A	SMLJ12CAHE3A	SMC	3000	12	2	19.9	150.6	13.3	14.7	1
SMLJ13AHE3A	SMLJ13CAHE3A	SMC	3000	13	2	21.5	139.4	14.4	15.9	1
SMLJ14AHE3A	SMLJ14CAHE3A	SMC	3000	14	1	23.2	129.4	15.6	17.2	1
SMLJ15AHE3A	SMLJ15CAHE3A	SMC	3000	15	1	24.4	123	16.7	18.5	1
SMLJ16AHE3A	SMLJ16CAHE3A	SMC	3000	16	1	26	115.4	17.8	19.7	1
SMLJ17AHE3A	SMLJ17CAHE3A	SMC	3000	17	1	27.6	106.6	18.9	20.9	1
SMLJ18AHE3A	SMLJ18CAHE3A	SMC	3000	18	1	29.2	102.8	20	22.1	1
SMLJ20AHE3A	SMLJ20CAHE3A	SMC	3000	20	1	32.4	92.6	22.2	24.5	1
SMLJ22AHE3A	SMLJ22CAHE3A	SMC	3000	22	1	35.5	84.4	24.4	26.9	1
SMLJ24AHE3A	SMLJ24CAHE3A	SMC	3000	24	1	38.9	77.2	26.7	29.5	1
SMLJ26AHE3A	SMLJ26CAHE3A	SMC	3000	26	1	42.1	71.2	28.9	31.9	1
SMLJ28AHE3A	SMLJ28CAHE3A	SMC	3000	28	1	45.4	66	31.1	34.4	1
SMLJ30AHE3A	SMLJ30CAHE3A	SMC	3000	30	1	48.4	62	33.3	36.8	1
SMLJ33AHE3A	SMLJ33CAHE3A	SMC	3000	33	1	53.3	56.2	36.7	40.6	1
SMLJ36AHE3A	SMLJ36CAHE3A	SMC	3000	36	1	58.1	51.6	40	44.2	1
SMLJ40AHE3A	SMLJ40CAHE3A	SMC	3000	40	1	64.5	46.4	44.4	49.1	1
SMLJ43AHE3A	SMLJ43CAHE3A	SMC	3000	43	1	69.4	43.2	47.8	52.8	1
SMLJ45AHE3A	SMLJ45CAHE3A	SMC	3000	45	1	72.7	41.3	50	55.3	1
SMLJ48AHE3A	SMLJ48CAHE3A	SMC	3000	48	1	77.4	38.8	53.3	58.9	1
SMLJ10AHE3	SMLJ10CAHE3	SMC	3000	10	15	17	176.4	11.1	12.3	5
SMLJ11AHE3	SMLJ11CAHE3	SMC	3000	11	2	18.2	164.8	12.2	13.5	5
SMLJ12AHE3	SMLJ12CAHE3	SMC	3000	12	2	19.9	150.6	13.3	14.7	5
SMLJ13AHE3	SMLJ13CAHE3	SMC	3000	13	2	21.5	139.4	14.4	15.9	5
SMLJ14AHE3	SMLJ14CAHE3	SMC	3000	14	2	23.2	129.4	15.6	17.2	5
SMLJ15AHE3	SMLJ15CAHE3	SMC	3000	15	2	24.4	123	16.7	18.5	5
SMLJ16AHE3	SMLJ16CAHE3	SMC	3000	16	2	26	115.4	17.8	19.7	5

3000W/3600W/4600W TVS

Part Number		Package	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P _{PK} (W)	V _{RWM} (V)	I _R (μA)	V _C (V)	I _{PP} (A)	V _{BR} (V) Min	V _{BR} (V) Max	I _T (mA)
SMLJ17AHE3	SMLJ17CAHE3	SMC	3000	17	2	27.6	106.6	18.9	20.9	5
SMLJ18AHE3	SMLJ18CAHE3	SMC	3000	18	2	29.2	102.8	20	22.1	5
SMLJ20AHE3	SMLJ20CAHE3	SMC	3000	20	2	32.4	92.6	22.2	24.5	5
SMLJ22AHE3	SMLJ22CAHE3	SMC	3000	22	2	35.5	84.4	24.4	26.9	5
SMLJ24AHE3	SMLJ24CAHE3	SMC	3000	24	2	38.9	77.2	26.7	29.5	5
SMLJ26AHE3	SMLJ26CAHE3	SMC	3000	26	2	42.1	71.2	28.9	31.9	5
SMLJ28AHE3	SMLJ28CAHE3	SMC	3000	28	2	45.4	66	31.1	34.4	5
SMLJ30AHE3	SMLJ30CAHE3	SMC	3000	30	2	48.4	62	33.3	36.8	5
SMLJ33AHE3	SMLJ33CAHE3	SMC	3000	33	2	53.3	56.2	36.7	40.6	5
SMLJ36AHE3	SMLJ36CAHE3	SMC	3000	36	2	58.1	51.6	40	44.2	5
SMLJ40AHE3	SMLJ40CAHE3	SMC	3000	40	2	64.5	46.4	44.4	49.1	5
SMLJ43AHE3	SMLJ43CAHE3	SMC	3000	43	2	69.4	43.2	47.8	52.8	5
SM5S10A	-	DO-218AB	3600	10	15	17	212	11.1	12.3	5
SM5S11A	-	DO-218AB	3600	11	10	18.2	198	12.2	13.5	5
SM5S12A	-	DO-218AB	3600	12	10	19.9	181	13.3	14.7	5
SM5S13A	-	DO-218AB	3600	13	10	21.5	167	14.4	15.9	5
SM5S14A	-	DO-218AB	3600	14	10	23.2	155	15.6	17.2	5
SM5S15A	-	DO-218AB	3600	15	10	24.4	148	16.7	18.5	5
SM5S16A	-	DO-218AB	3600	16	10	26	138	17.8	19.7	5
SM5S17A	-	DO-218AB	3600	17	10	27.6	130	18.9	20.9	5
SM5S18A	-	DO-218AB	3600	18	10	29.2	123	20	22.1	5
SM5S20A	-	DO-218AB	3600	20	10	32.4	111	22.2	24.5	5
SM5S22A	-	DO-218AB	3600	22	10	35.5	101	24.4	26.9	5
SM5S24A	-	DO-218AB	3600	24	10	38.9	93	26.7	29.5	5
SM5S26A	-	DO-218AB	3600	26	10	42.1	86	28.9	31.9	5
SM5S28A	-	DO-218AB	3600	28	10	45.4	79	31.1	34.4	5
SM5S30A	-	DO-218AB	3600	30	10	48.4	74	33.3	36.8	5
SM5S33A	-	DO-218AB	3600	33	10	53.3	68	36.7	40.6	5
SM5S36A	-	DO-218AB	3600	36	10	58.1	62	40	44.2	5
SM5S40A	-	DO-218AB	3600	40	10	64.5	56	44.4	49.1	5
SM5S43A	-	DO-218AB	3600	43	10	69.4	52	47.8	52.8	5
SM6S10A	-	DO-218AB	4600	10	15	17	271	11.1	12.3	5
SM6S11A	-	DO-218AB	4600	11	10	18.2	253	12.2	13.5	5
SM6S12A	-	DO-218AB	4600	12	10	19.9	231	13.3	14.7	5
SM6S13A	-	DO-218AB	4600	13	10	21.5	214	14.4	15.9	5
SM6S14A	-	DO-218AB	4600	14	10	23.2	198	15.6	17.2	5
SM6S15A	-	DO-218AB	4600	15	10	24.4	189	16.7	18.5	5
SM6S16A	-	DO-218AB	4600	16	10	26	177	17.8	19.7	5
SM6S17A	-	DO-218AB	4600	17	10	27.6	167	18.9	20.9	5
SM6S18A	-	DO-218AB	4600	18	10	29.2	158	20	22.1	5
SM6S20A	-	DO-218AB	4600	20	10	32.4	142	22.2	24.5	5
SM6S22A	-	DO-218AB	4600	22	10	35.5	130	24.4	26.9	5
SM6S24A	-	DO-218AB	4600	24	10	38.9	118	26.7	29.5	5
SM6S26A	-	DO-218AB	4600	26	10	42.1	109	28.9	31.9	5

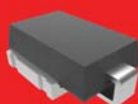
Transient Voltage Suppressors

4600W/5000W/6600W TVS

Part Number		Package	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P _{PK} (W)	V _{RWM} (V)	I _R (μA)	V _C (V)	I _{PP} (A)	V _{BR} (V) Min	V _{BR} (V) Max	I _T (mA)
SM6S28A	-	DO-218AB	4600	28	10	45.4	101	31.1	34.4	5
SM6S30A	-	DO-218AB	4600	30	10	48.4	95	33.3	36.8	5
SM6S33A	-	DO-218AB	4600	33	10	53.3	86	36.7	40.6	5
SM6S36A	-	DO-218AB	4600	36	10	58.1	79	40	44.2	5
SM6S40A	-	DO-218AB	4600	40	10	64.5	71	44.4	49.1	5
SM6S43A	-	DO-218AB	4600	43	10	69.4	66	47.8	52.8	5
5.0SMLJ10AHE3	5.0SMLJ10CAHE3	SMC	5000	10	5	17	294.12	11.1	12.3	1
5.0SMLJ11AHE3	5.0SMLJ11CAHE3	SMC	5000	11	2	18.2	275	12.2	13.5	1
5.0SMLJ12AHE3	5.0SMLJ12CAHE3	SMC	5000	12	2	19.9	252	13.3	14.7	1
5.0SMLJ13AHE3	5.0SMLJ13CAHE3	SMC	5000	13	2	21.5	233	14.4	15.9	1
5.0SMLJ14AHE3	5.0SMLJ14CAHE3	SMC	5000	14	2	23.2	216	15.6	17.2	1
5.0SMLJ15AHE3	5.0SMLJ15CAHE3	SMC	5000	15	2	24.4	205	16.7	18.5	1
5.0SMLJ16AHE3	5.0SMLJ16CAHE3	SMC	5000	16	2	26	193	17.8	19.7	1
5.0SMLJ17AHE3	5.0SMLJ17CAHE3	SMC	5000	17	2	27.6	181	18.9	20.9	1
5.0SMLJ18AHE3	5.0SMLJ18CAHE3	SMC	5000	18	2	29.2	172	20	22.1	1
5.0SMLJ19AHE3	5.0SMLJ19CAHE3	SMC	5000	19	2	30.8	162.4	21.1	23.3	1
5.0SMLJ20AHE3	5.0SMLJ20CAHE3	SMC	5000	20	2	32.4	155	22.2	24.5	1
5.0SMLJ22AHE3	5.0SMLJ22CAHE3	SMC	5000	22	2	35.5	141	24.4	26.9	1
5.0SMLJ24AHE3	5.0SMLJ24CAHE3	SMC	5000	24	2	38.9	129	26.7	29.5	1
5.0SMLJ26AHE3	5.0SMLJ26CAHE3	SMC	5000	26	2	42.1	119	28.9	31.9	1
5.0SMLJ28AHE3	5.0SMLJ28CAHE3	SMC	5000	28	2	45.4	110	31.1	34.4	1
5.0SMLJ30AHE3	5.0SMLJ30CAHE3	SMC	5000	30	2	48.4	103	33.3	36.8	1
5.0SMLJ33AHE3	5.0SMLJ33CAHE3	SMC	5000	33	2	53.3	93.9	36.7	40.6	1
5.0SMLJ36AHE3	5.0SMLJ36CAHE3	SMC	5000	36	2	58.1	86.1	40	44.2	1
5.0SMLJ40AHE3	5.0SMLJ40CAHE3	SMC	5000	40	2	64.5	77.6	44.4	49.1	1
5.0SMLJ43AHE3	5.0SMLJ43CAHE3	SMC	5000	43	2	69.4	72.1	47.8	52.8	1
5.0SMLJ45AHE3	5.0SMLJ45CAHE3	SMC	5000	45	2	72.7	68.8	50	55.3	1
5.0SMLJ48AHE3	5.0SMLJ48CAHE3	SMC	5000	48	2	77.4	64.7	53.3	58.9	1
5.0SMLJ51AHE3	5.0SMLJ51CAHE3	SMC	5000	51	2	82.4	60.7	56.7	62.7	1
5.0SMLJ54AHE3	5.0SMLJ54CAHE3	SMC	5000	54	2	87.1	57.5	60	66.3	1
5.0SMLJ58AHE3	5.0SMLJ58CAHE3	SMC	5000	58	2	93.6	53.5	64.4	71.2	1
SM8S10A	-	DO-218AB	6600	10	15	17	388	11.1	12.3	5
SM8S11A	-	DO-218AB	6600	11	10	18.2	363	12.2	13.5	5
SM8S12A	-	DO-218AB	6600	12	10	19.9	332	13.3	14.7	5
SM8S13A	-	DO-218AB	6600	13	10	21.5	307	14.4	15.9	5
SM8S14A	SM8S14CA	DO-218AB	6600	14	10	23.2	284	15.6	17.2	5
SM8S15A	SM8S15CA	DO-218AB	6600	15	10	24.4	270	16.7	18.5	5
SM8S16A	SM8S16CA	DO-218AB	6600	16	10	26	254	17.8	19.7	5
SM8S17A	SM8S17CA	DO-218AB	6600	17	10	27.6	239	18.9	20.9	5
SM8S18A	SM8S18CA	DO-218AB	6600	18	10	29.2	226	20	22.1	5
SM8S20A	SM8S20CA	DO-218AB	6600	20	10	32.4	204	22.2	24.5	5
SM8S22A	SM8S22CA	DO-218AB	6600	22	10	35.5	186	24.4	26.9	5
SM8S24A	SM8S24CA	DO-218AB	6600	24	10	38.9	170	26.7	29.5	5
SM8S26A	SM8S26CA	DO-218AB	6600	26	10	42.1	157	28.9	31.9	5

6600W TVS

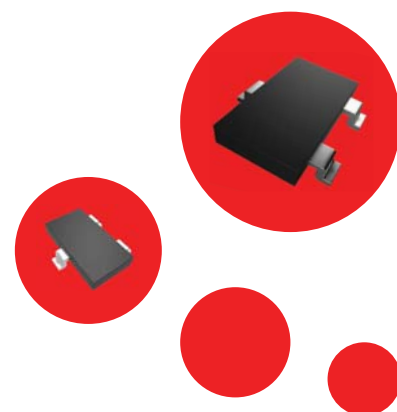
Part Number		Package	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Max. Clamping Voltage	Peak Pulse Current	Breakdown Voltage		Test Current
Uni	Bi		P _{PK} (W)	V _{RWM} (V)	I _R (μA)	V _C (V)	I _{PP} (A)	V _{BR} (V) Min	V _{BR} (V) Max	I _T (mA)
SM8S28A	SM8S28CA	DO-218AB	6600	28	10	45.4	145	31.1	34.4	5
SM8S30A	SM8S30CA	DO-218AB	6600	30	10	48.4	136	33.3	36.8	5
SM8S33A	SM8S33CA	DO-218AB	6600	33	10	53.3	124	36.7	40.6	5
SM8S36A	SM8S36CA	DO-218AB	6600	36	10	58.1	114	40	44.2	5
SM8S40A	SM8S40CA	DO-218AB	6600	40	10	64.5	102	44.4	49.1	5
SM8S43A	SM8S43CA	DO-218AB	6600	43	10	69.4	95.1	47.8	52.8	5



Small Signal Bipolar Transistors

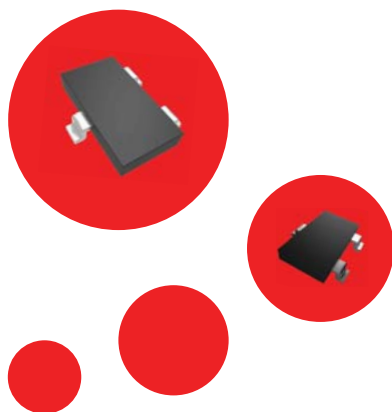
NPN Transistors

Part Number	Package	Polarity	Power Dissipation	Collector-Emitter Breakdown Voltage	Collector Current	DC Current Gain			Base-Emitter Saturation Voltage			Transition Frequency
			P _C (W)	V _{CE0} (V)	I _C (A)	H _{FE}	V _{CE} (V)	I _C (mA)	V _{CE(sat)} (V)	I _C (mA)	I _B (mA)	f _T (MHz)
MMS8050HE3-H	SOT-23	NPN	0.3	25	0.5	200-350	1	50	0.6	500	50	150
MMS8050HE3-L	SOT-23	NPN	0.3	25	0.5	120-200	1	50	0.6	500	50	150
MMS9013HE3-H	SOT-23	NPN	0.3	25	0.5	200-350	1	50	0.6	500	50	150
MMS9013HE3-L	SOT-23	NPN	0.3	25	0.5	120-200	1	50	0.6	500	50	150
MMSS8050HE3-H	SOT-23	NPN	0.3	25	1.5	200-350	1	100	0.5	800	80	100
MMSS8050HE3-L	SOT-23	NPN	0.3	25	1.5	120-200	1	100	0.5	800	80	100
BC848AHE3	SOT-23	NPN	0.225	30	0.1	110-220	5	2	0.5	100	5	100
BC848BHE3	SOT-23	NPN	0.225	30	0.1	200-450	5	2	0.5	100	5	100
BC848CHE3	SOT-23	NPN	0.225	30	0.1	420-800	5	2	0.5	100	5	100
MMBT2222AHE3	SOT-23	NPN	0.35	40	0.6	75	10	10	0.3	150	15	300
MMBT3904HE3	SOT-23	NPN	0.35	40	0.2	100-300	1	10	0.2	10	1	300
MMBT4401HE3	SOT-23	NPN	0.35	40	0.6	80	1	10	0.4	150	15	250
BC817-16HE3	SOT-23	NPN	0.3	45	0.5	100-250	1	100	0.7	500	50	100
BC817-16WHE3	SOT-323	NPN	0.2	45	0.5	100-250	1	100	0.7	500	50	100
BC817-25HE3	SOT-23	NPN	0.3	45	0.5	160-400	1	100	0.7	500	50	100
BC817-25WHE3	SOT-323	NPN	0.2	45	0.5	160-400	1	100	0.7	500	50	100
BC817-40HE3	SOT-23	NPN	0.3	45	0.5	250-600	1	100	0.7	500	50	100
BC817-40WHE3	SOT-323	NPN	0.2	45	0.5	250-600	1	100	0.7	500	50	100
BC847AHE3	SOT-23	NPN	0.225	45	0.1	110-220	5	2	0.5	100	5	100
BC847BHE3	SOT-23	NPN	0.225	45	0.1	200-450	5	2	0.5	100	5	100
BC847CHE3	SOT-23	NPN	0.225	45	0.1	420-800	5	2	0.5	100	5	100
MMS9014HE3-H	SOT-23	NPN	0.4	45	0.1	450-1000	5	1	0.3	100	5	150
MMS9014HE3-L	SOT-23	NPN	0.4	45	0.1	200-450	5	1	0.3	100	5	150
BC846AHE3	SOT-23	NPN	0.225	65	0.1	110-220	5	2	0.5	100	5	100
BC846BHE3	SOT-23	NPN	0.225	65	0.1	200-450	5	2	0.5	100	5	100
MMBT5551HE3	SOT-23	NPN	0.3	160	0.6	100-300	5	10	0.2	50	5	100



PNP Transistors

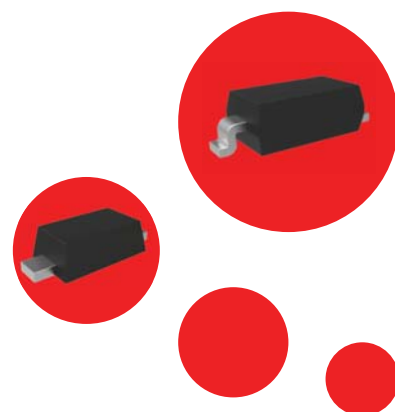
Part Number	Package	Polarity	Power Dissipation	Collector-Emitter Breakdown Voltage	Collector Current	DC Current Gain			Base-Emitter Saturation Voltage			Transition Frequency
			P_c (W)	V_{CE0} (V)	I_c (A)	H_{FE}	V_{CE} (V)	I_c (mA)	$V_{CE(sat)}$ (V)	I_c (mA)	I_b (mA)	f_T (MHz)
MMS8550HE3-H	SOT-23	PNP	0.3	-25	-0.5	200-350	-1	-50	-0.6	-500	-50	150
MMS8550HE3-L	SOT-23	PNP	0.3	-25	-0.5	120-200	-1	-50	-0.6	-500	-50	150
MMS9012HE3-H	SOT-23	PNP	0.3	-25	-0.5	200-350	-1	-50	-0.6	-500	-50	150
MMS9012HE3-L	SOT-23	PNP	0.3	-25	-0.5	120-200	-1	-50	-0.6	-500	-50	150
MMSS8550HE3-H	SOT-23	PNP	0.625	-25	-1.5	200-350	-1	-100	-0.5	-800	-80	100
MMSS8550HE3-L	SOT-23	PNP	0.625	-25	-1.5	120-200	-1	-100	-0.5	-800	-80	100
BC858AWHE3	SOT-323	PNP	0.15	-30	-0.1	125-250	-5	-2	-0.65	-100	-5	100
BC858BWHE3	SOT-323	PNP	0.15	-30	-0.1	220-475	-5	-2	-0.65	-100	-5	100
BC858CWHE3	SOT-323	PNP	0.15	-30	-0.1	420-800	-5	-2	-0.65	-100	-5	100
MMBT3906HE3	SOT-23	PNP	0.3	-40	-0.2	100-300	-1	-10	-0.25	-10	-1	250
MMBT4403HE3	SOT-23	PNP	0.35	-40	-0.6	100	-1	-10	-0.4	-150	-15	200
BC807-16HE3	SOT-23	PNP	0.3	-45	-0.5	100-250	-1	-100	-0.7	500	50	100
BC807-25HE3	SOT-23	PNP	0.3	-45	-0.5	160-400	-1	-100	-0.7	500	50	100
BC807-40HE3	SOT-23	PNP	0.3	-45	-0.5	250-600	-1	-100	-0.7	500	50	100
BC857AHE3	SOT-23	PNP	0.31	-45	-0.1	125-250	-5	-2	-0.3	-10	-0.5	200
BC857AWHE3	SOT-323	PNP	0.15	-45	-0.1	125-250	-5	-2	-0.65	-100	-5	100
BC857BHE3	SOT-23	PNP	0.31	-45	-0.1	220-475	-5	-2	-0.3	-10	-0.5	200
BC857BWHE3	SOT-323	PNP	0.15	-45	-0.1	220-475	-5	-2	-0.65	-100	-5	100
BC857CHE3	SOT-23	PNP	0.31	-45	-0.1	420-800	-5	-2	-0.3	-10	-0.5	200
BC857CWHE3	SOT-323	PNP	0.15	-45	-0.1	420-800	-5	-2	-0.65	-100	-5	100
MMS9015HE3-H	SOT-23	PNP	0.2	-45	-0.1	450-1000	-5	-1	-0.3	-100	-10	150
MMS9015HE3-L	SOT-23	PNP	0.2	-45	-0.1	200-450	-5	-1	-0.3	-100	-10	150
MMBT2907AHE3	SOT-23	PNP	0.35	-60	-0.6	100	-10	-10	-0.4	-150	-15	200
BC856AHE3	SOT-23	PNP	0.31	-65	-0.1	125-250	-5	-2	-0.3	-10	-0.5	200
BC856AWHE3	SOT-323	PNP	0.15	-65	-0.1	125-250	-5	-2	-0.65	-100	-5	100
BC856BHE3	SOT-23	PNP	0.31	-65	-0.1	220-475	-5	-2	-0.3	-10	-0.5	200
BC856BWHE3	SOT-323	PNP	0.15	-65	-0.1	220-475	-5	-2	-0.65	-100	-5	100
MMBT5401HE3	SOT-23	PNP	0.3	-150	-0.6	100-300	-5	-10	-0.5	-50	-5	100



Switching Diodes

Switching Diodes

Part Number	Package	Power Dissipation	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Reverse Recovery Time
		P _D (mW)	I _{F(AV)} (A)	V _{RWM} (V)	I _{FSM} (A)	V _F (V)	I _R (uA)	I _{FM} (A)	V _R (V)	T _{RR} (μs)
BAS516HE3	SOD-523	150	0.25	100	0.5	0.715	0.03	0.001	25	0.004
1N4148WXHE3	SOD-323	200	0.15	100	2	1	1	0.05	75	0.004
1N4448WXHE3	SOD-323	200	0.25	75	2	1	2.5	0.1	75	0.004
1N4148XHE3	SOD-523	200	0.15	100	2	1.25	1	0.15	75	0.004
BAV70WTHE3	SOT-323	200	0.15	100	1	1.25	2	0.15	75	0.004
BAV99WTHE3	SOT-323	200	0.15	100	2	1	2.5	0.05	75	0.004
BAV19WSHE3	SOD-323	250	0.2	120	2.5	1.25	0.1	0.2	100	0.05
BAV20WSHE3	SOD-323	250	0.2	200	2.5	1.25	0.1	0.2	150	0.05
BAV21WSHE3	SOD-323	250	0.2	250	2.5	1.25	0.1	0.2	200	0.05
BAS21HE3	SOT-23	250	0.2	250	0.5	1.25	0.1	0.2	250	0.05
BAS16WHE3	SOD-123	350	0.1	75	1	1.25	1	0.15	75	0.006
BAS16WXHE3	SOD-323	350	0.1	75	1	1.25	1	0.15	75	0.006
BAS16HE3	SOT-23	350	0.215	100	1	1.25	1	0.1	75	0.004
BAS19HE3	SOT-23	350	0.2	120	0.5	1.25	0.1	0.2	120	0.05
BAS20HE3	SOT-23	350	0.2	200	0.5	1.25	0.1	0.2	200	0.05
BAV23AHE3	SOT-23	350	0.225	200	9	1.25	0.1	0.2	250	0.05
BAV23CHE3	SOT-23	350	0.225	200	9	1.25	0.1	0.2	250	0.05
BAV23SHE3	SOT-23	350	0.225	200	9	1.25	0.1	0.2	250	0.05
BAV70HE3	SOT-23	350	0.215	100	1	0.855	1	0.01	75	0.004
BAV99HE3	SOT-23	350	0.215	100	1	0.855	2.5	0.01	75	0.004
BAW56HE3	SOT-23	350	0.25	75	1	0.855	2.5	0.01	75	0.004
MMBD4148HE3	SOT-23	350	0.2	100	1	0.855	0.025	0.1	20	0.004
1N4148WHE3	SOD-123	400	0.15	100	1	0.715	50	0.001	75	0.004
BAS316HE3	SOD-323	400	0.25	100	4	0.715	1	0.001	75	0.004
BAV19WHE3	SOD-123	410	0.25	120	1	1	0.1	0.1	100	0.05
BAV20WHE3	SOD-123	410	0.25	200	1	1	0.1	0.1	150	0.05
BAV21WHE3	SOD-123	410	0.25	250	1	1	0.1	0.1	200	0.05
1N4448WHE3	SOD-123	500	0.25	100	2	1	0.025	0.1	20	0.004
1SS355HE3	SOD-323	-	0.15	90	0.5	1.2	0.1	0.1	80	0.004
BAV199HE3	SOT-23	-	0.215	85	-	1.25	0.005	0.15	75	3.000



150mW Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P _D (W)	I _s (mA)	V _s (V)	V _Z (V)	I _{ZT} (mA)	Z _{ZT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)
BZX584B3V6HE3	SOD-523	0.15	0.005	1	3.6	5	90	600	1
BZX584B3V9HE3	SOD-523	0.15	0.003	1	3.9	5	90	600	1
BZX584B4V3HE3	SOD-523	0.15	0.003	1	4.3	5	90	600	1
BZX584B4V7HE3	SOD-523	0.15	0.003	2	4.7	5	80	500	1
BZX584B5V1HE3	SOD-523	0.15	0.002	2	5.1	5	60	480	1
BZX584B5V6HE3	SOD-523	0.15	0.001	2	5.6	5	40	400	1
BZX584B6V2HE3	SOD-523	0.15	0.003	4	6.2	5	10	150	1
BZX584B6V8HE3	SOD-523	0.15	0.002	4	6.8	5	15	80	1
BZX584B7V5HE3	SOD-523	0.15	0.001	5	7.5	5	15	80	1
BZX584B8V2HE3	SOD-523	0.15	0.0007	5	8.2	5	15	80	1
BZX584B9V1HE3	SOD-523	0.15	0.0005	6	9.1	5	15	100	1
BZX584B10HE3	SOD-523	0.15	0.0002	7	10	5	20	150	1
BZX584B11HE3	SOD-523	0.15	0.0001	8	11	5	20	150	1
BZX584B12HE3	SOD-523	0.15	0.0001	8	12	5	25	150	1
BZX584B13HE3	SOD-523	0.15	0.0001	8	13	5	30	170	1
BZX584B15HE3	SOD-523	0.15	0.0001	10.5	15	5	30	200	1
BZX584B16HE3	SOD-523	0.15	0.0001	11.2	16	5	40	200	1
BZX584B18HE3	SOD-523	0.15	0.0001	12.6	18	5	45	225	1
BZX584B20HE3	SOD-523	0.15	0.0001	14	20	5	55	225	1
BZX584B22HE3	SOD-523	0.15	0.0001	15.4	22	5	55	250	1
BZX584B24HE3	SOD-523	0.15	0.0001	16.8	24	5	70	250	1
BZX584B27HE3	SOD-523	0.15	0.0001	18.9	27	2	80	300	0.5
BZX584B30HE3	SOD-523	0.15	0.0001	21	30	2	80	300	0.5
BZX584B33HE3	SOD-523	0.15	0.0001	23.1	33	2	80	325	0.5
BZX584B36HE3	SOD-523	0.15	0.0001	25.2	36	2	90	350	0.5
BZX584C2V4HE3	SOD-523	0.15	0.05	1	2.4	5	100	600	1
BZX584C2V7HE3	SOD-523	0.15	0.02	1	2.7	5	100	600	1
BZX584C3V0HE3	SOD-523	0.15	0.01	1	3	5	95	600	1
BZX584C3V3HE3	SOD-523	0.15	0.005	1	3.3	5	95	600	1
BZX584C3V6HE3	SOD-523	0.15	0.005	1	3.6	5	90	600	1
BZX584C3V9HE3	SOD-523	0.15	0.003	1	3.9	5	90	600	1
BZX584C4V3HE3	SOD-523	0.15	0.003	1	4.3	5	90	600	1
BZX584C4V7HE3	SOD-523	0.15	0.003	2	4.7	5	80	500	1
BZX584C5V1HE3	SOD-523	0.15	0.002	2	5.1	5	60	480	1
BZX584C5V6HE3	SOD-523	0.15	0.001	2	5.6	5	40	400	1
BZX584C6V2HE3	SOD-523	0.15	0.003	4	6.2	5	10	150	1
BZX584C6V8HE3	SOD-523	0.15	0.002	4	6.8	5	15	80	1
BZX584C7V5HE3	SOD-523	0.15	0.001	5	7.5	5	15	80	1
BZX584C8V2HE3	SOD-523	0.15	0.0007	5	8.2	5	15	80	1
BZX584C9V1HE3	SOD-523	0.15	0.0005	6	9.1	5	15	100	1
BZX584C10HE3	SOD-523	0.15	0.0002	7	10	5	20	150	1
BZX584C11HE3	SOD-523	0.15	0.0001	8	11	5	20	150	1
BZX584C12HE3	SOD-523	0.15	0.0001	8	12	5	25	150	1
BZX584C13HE3	SOD-523	0.15	0.0001	8	13	5	30	170	1

Zener Diodes

150mW/200mW Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P _D (W)	I _s (mA)	V _s (V)	V _Z (V)	I _{ZT} (mA)	Z _{ZT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)
BZX584C15HE3	SOD-523	0.15	0.0001	10.5	15	5	30	200	1
BZX584C16HE3	SOD-523	0.15	0.0001	11.2	16	5	40	200	1
BZX584C18HE3	SOD-523	0.15	0.0001	12.6	18	5	45	225	1
BZX584C20HE3	SOD-523	0.15	0.0001	14	20	5	55	225	1
BZX584C22HE3	SOD-523	0.15	0.0001	15.4	22	5	55	250	1
BZX584C24HE3	SOD-523	0.15	0.0001	16.8	24	5	70	250	1
BZX584C27HE3	SOD-523	0.15	0.0001	18.9	27	2	80	300	0.5
BZX584C30HE3	SOD-523	0.15	0.0001	21	30	2	80	300	0.5
BZX584C33HE3	SOD-523	0.15	0.0001	23.1	33	2	80	325	0.5
BZX584C36HE3	SOD-523	0.15	0.0001	25.2	36	2	90	350	0.5
BZX584C39HE3	SOD-523	0.15	0.0001	27.3	39	2	130	350	0.5
BZT52B3V6JSHE3	SOD-323	0.2	0.0045	1	3.6	5	84	564	1
BZT52B3V9JSHE3	SOD-323	0.2	0.0027	1	3.9	5	84	564	1
BZT52B4V3JSHE3	SOD-323	0.2	0.0027	1	4.3	5	84	564	1
BZT52B4V7JSHE3	SOD-323	0.2	0.0027	2	4.7	5	75	564	1
BZT52B5V1JSHE3	SOD-323	0.2	0.002	2	5.1	5	60	480	1
BZT52B5V6JSHE3	SOD-323	0.2	0.001	2	5.6	5	40	400	1
BZT52B6V2JSHE3	SOD-323	0.2	0.003	4	6.2	5	10	150	1
BZT52B6V8JSHE3	SOD-323	0.2	0.002	4	6.8	5	15	141	1
BZT52B7V5JSHE3	SOD-323	0.2	0.0001	5	7.5	5	15	80	1
BZT52B8V2JSHE3	SOD-323	0.2	0.0007	5	8.2	5	15	80	1
BZT52B9V1JSHE3	SOD-323	0.2	0.0005	6	9.1	5	15	100	1
BZT52B10JSHE3	SOD-323	0.2	0.0002	7	10	5	20	150	1
BZT52B11JSHE3	SOD-323	0.2	0.0001	8	11	5	20	150	1
BZT52B12JSHE3	SOD-323	0.2	0.0001	8	12	5	25	150	1
BZT52B13JSHE3	SOD-323	0.2	0.0001	8	13	5	30	170	1
BZT52B15JSHE3	SOD-323	0.2	0.0001	10.5	15	5	30	200	1
BZT52B16JSHE3	SOD-323	0.2	0.0001	11.2	16	5	40	200	1
BZT52B18JSHE3	SOD-323	0.2	0.0001	12.6	18	5	45	225	1
BZT52B20JSHE3	SOD-323	0.2	0.0001	14	20	5	55	225	1
BZT52B22JSHE3	SOD-323	0.2	0.000045	15.4	22	5	51	235	1
BZT52B24JSHE3	SOD-323	0.2	0.000045	16.8	24	5	65	235	1
BZT52B27JSHE3	SOD-323	0.2	0.000045	18.9	27	5	75	282	0.5
BZT52B30JSHE3	SOD-323	0.2	0.000045	21	30	5	75	282	0.5
BZT52B33JSHE3	SOD-323	0.2	0.000045	23	33	5	75	306	0.5
BZT52B36JSHE3	SOD-323	0.2	0.000045	25.2	36	5	84	329	0.5
BZT52B39JSHE3	SOD-323	0.2	0.000045	27.3	39	5	122	329	0.5
BZT52B43JSHE3	SOD-323	0.2	0.000045	30.1	43	5	141	353	0.5
BZT52B47JSHE3	SOD-323	0.2	0.000045	33	47	5	160	353	0.5
BZT52C2V4SHE3	SOD-323	0.2	0.05	1	2.4	5	100	600	1
BZT52C2V7SHE3	SOD-323	0.2	0.02	1	2.7	5	100	600	1
BZT52C3V0SHE3	SOD-323	0.2	0.01	1	3	5	95	600	1
BZT52C3V3SHE3	SOD-323	0.2	0.005	1	3.3	5	95	600	1
BZT52C3V6SHE3	SOD-323	0.2	0.005	1	3.6	5	90	600	1

200mW/300mW Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P _D (W)	I _s (mA)	V _s (V)	V _Z (V)	I _{ZT} (mA)	Z _{ZT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)
BZT52C3V9SHE3	SOD-323	0.2	0.003	1	3.9	5	90	600	1
BZT52C4V3SHE3	SOD-323	0.2	0.003	1	4.3	5	90	600	1
BZT52C4V7SHE3	SOD-323	0.2	0.003	2	4.7	5	80	500	1
BZT52C5V1SHE3	SOD-323	0.2	0.002	2	5.1	5	60	480	1
BZT52C5V6SHE3	SOD-323	0.2	0.001	2	5.6	5	40	400	1
BZT52C6V2SHE3	SOD-323	0.2	0.003	4	6.2	5	10	150	1
BZT52C6V8SHE3	SOD-323	0.2	0.002	4	6.8	5	15	80	1
BZT52C7V5SHE3	SOD-323	0.2	0.001	5	7.5	5	15	80	1
BZT52C8V2SHE3	SOD-323	0.2	0.0007	5	8.2	5	15	80	1
BZT52C9V1SHE3	SOD-323	0.2	0.0005	6	9.1	5	15	100	1
BZT52C10SHE3	SOD-323	0.2	0.0002	7	10	5	20	150	1
BZT52C11SHE3	SOD-323	0.2	0.0001	8	11	5	20	150	1
BZT52C12SHE3	SOD-323	0.2	0.0001	8	12	5	25	150	1
BZT52C13SHE3	SOD-323	0.2	0.0001	8	13	5	30	170	1
BZT52C15SHE3	SOD-323	0.2	0.0001	10.5	15	5	30	200	1
BZT52C16SHE3	SOD-323	0.2	0.0001	11.2	16	5	40	200	1
BZT52C18SHE3	SOD-323	0.2	0.0001	12.6	18	5	45	225	1
BZT52C20SHE3	SOD-323	0.2	0.0001	14	20	5	55	225	1
BZT52C22SHE3	SOD-323	0.2	0.0001	15.4	22	5	55	250	1
BZT52C24SHE3	SOD-323	0.2	0.0001	16.8	24	5	70	250	1
BZT52C27SHE3	SOD-323	0.2	0.0001	18.9	27	2	80	300	0.5
BZT52C30SHE3	SOD-323	0.2	0.0001	21	30	2	80	300	0.5
BZT52C33SHE3	SOD-323	0.2	0.0001	23.1	33	2	80	325	0.5
BZT52C36SHE3	SOD-323	0.2	0.0001	25.2	36	2	90	350	0.5
BZT52C39SHE3	SOD-323	0.2	0.0001	27.3	39	2	130	350	0.5
BZT52C43SHE3	SOD-323	0.2	0.0001	32	43	2	100	700	0.5
BZT52C47SHE3	SOD-323	0.2	0.0001	35	47	2	100	750	0.5
DZ23C2V4HE3	SOT-23	0.3	0.1	1	2.4	5	85	600	1
DZ23C2V7HE3	SOT-23	0.3	0.075	1	2.7	5	83	600	1
DZ23C3V0HE3	SOT-23	0.3	0.05	1	3	5	95	600	1
DZ23C3V3HE3	SOT-23	0.3	0.025	1	3.3	5	95	600	1
DZ23C3V6HE3	SOT-23	0.3	0.015	1	3.6	5	95	600	1
DZ23C3V9HE3	SOT-23	0.3	0.01	1	3.9	5	95	600	1
DZ23C4V3HE3	SOT-23	0.3	0.005	1	4.3	5	95	600	1
DZ23C4V7HE3	SOT-23	0.3	0.005	2	4.7	5	78	500	1
DZ23C5V1HE3	SOT-23	0.3	0.0001	0.8	5.1	5	60	480	1
DZ23C5V6HE3	SOT-23	0.3	0.0001	1	5.6	5	40	400	1
DZ23C6V2HE3	SOT-23	0.3	0.0001	2	6.2	5	10	150	1
DZ23C6V8HE3	SOT-23	0.3	0.0001	3	6.8	5	8	80	1
DZ23C7V5HE3	SOT-23	0.3	0.0001	5	7.5	5	7	80	1
DZ23C8V2HE3	SOT-23	0.3	0.0001	6	8.2	5	7	80	1
DZ23C9V1HE3	SOT-23	0.3	0.0001	7	9.1	5	10	100	1
DZ23C10HE3	SOT-23	0.3	0.0001	7.5	10	5	15	150	1
DZ23C11HE3	SOT-23	0.3	0.0001	8.5	11	5	20	150	1

Zener Diodes

300mW/350mW Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P _D (W)	I _s (mA)	V _s (V)	V _Z (V)	I _{ZT} (mA)	Z _{ZT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)
DZ23C12HE3	SOT-23	0.3	0.0001	9	12	5	20	150	1
DZ23C13HE3	SOT-23	0.3	0.0001	10	13	5	25	170	1
DZ23C14HE3	SOT-23	0.3	0.0001	10	14	5	25	170	1
DZ23C15HE3	SOT-23	0.3	0.0001	11	15	5	30	200	1
DZ23C16HE3	SOT-23	0.3	0.0001	12	16	5	40	200	1
DZ23C17HE3	SOT-23	0.3	0.0001	13	17	5	40	200	1
DZ23C18HE3	SOT-23	0.3	0.0001	14	18	5	50	225	1
DZ23C20HE3	SOT-23	0.3	0.0001	15	20	5	50	225	1
DZ23C22HE3	SOT-23	0.3	0.0001	17	22	5	55	250	1
DZ23C24HE3	SOT-23	0.3	0.0001	18	24	5	80	250	1
DZ23C27HE3	SOT-23	0.3	0.0001	20	27	5	80	300	1
DZ23C28HE3	SOT-23	0.3	0.0001	22	28	5	80	300	1
DZ23C30HE3	SOT-23	0.3	0.0001	22.5	30	5	80	300	1
DZ23C33HE3	SOT-23	0.3	0.0001	25	33	5	80	325	1
DZ23C36HE3	SOT-23	0.3	0.0001	27	36	5	90	350	1
DZ23C39HE3	SOT-23	0.3	0.0001	29	39	5	90	350	1
DZ23C43HE3	SOT-23	0.3	0.0001	32	43	5	100	700	1
DZ23C47HE3	SOT-23	0.3	0.0001	35	47	5	100	750	1
BZX84B4V3HE3	SOT-23	0.35	0.003	1	4.3	5	90	600	1
BZX84B4V7HE3	SOT-23	0.35	0.003	2	4.7	5	80	500	1
BZX84B5V1HE3	SOT-23	0.35	0.002	2	5.1	5	60	480	1
BZX84B5V6HE3	SOT-23	0.35	0.001	2	5.6	5	40	400	1
BZX84B6V2HE3	SOT-23	0.35	0.003	4	6.2	5	10	150	1
BZX84B6V8HE3	SOT-23	0.35	0.002	4	6.8	5	15	80	1
BZX84B7V5HE3	SOT-23	0.35	0.001	5	7.5	5	15	80	1
BZX84B8V2HE3	SOT-23	0.35	0.0007	5	8.2	5	15	80	1
BZX84B9V1HE3	SOT-23	0.35	0.0005	6	9.1	5	15	100	1
BZX84B10HE3	SOT-23	0.35	0.0002	7	10	5	20	150	1
BZX84B11HE3	SOT-23	0.35	0.0001	8	11	5	20	150	1
BZX84B12HE3	SOT-23	0.35	0.0001	8	12	5	25	150	1
BZX84B13HE3	SOT-23	0.35	0.0001	8	13	5	30	170	1
BZX84B15HE3	SOT-23	0.35	0.0001	10.5	15	5	30	200	1
BZX84B16HE3	SOT-23	0.35	0.0001	11.2	16	5	40	200	1
BZX84B18HE3	SOT-23	0.35	0.0001	12.6	18	5	45	225	1
BZX84B20HE3	SOT-23	0.35	0.0001	14	20	5	55	225	1
BZX84B22HE3	SOT-23	0.35	0.0001	15.4	22	5	55	250	1
BZX84B24HE3	SOT-23	0.35	0.0001	16.8	24	5	70	250	1
BZX84B27HE3	SOT-23	0.35	0.0001	18.9	27	2	80	300	0.5
BZX84B30HE3	SOT-23	0.35	0.0001	21	30	2	80	300	0.5
BZX84B33HE3	SOT-23	0.35	0.0001	23.1	33	2	80	325	0.5
BZX84B36HE3	SOT-23	0.35	0.0001	25.2	36	2	90	350	0.5
BZX84C2V4HE3	SOT-23	0.35	0.05	1	2.4	5	100	600	1
BZX84C2V7HE3	SOT-23	0.35	0.02	1	2.7	5	100	600	1
BZX84C3V0HE3	SOT-23	0.35	0.01	1	3	5	95	600	1

350mW/500mW Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P _D (W)	I _s (mA)	V _s (V)	V _Z (V)	I _{ZT} (mA)	Z _{ZT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)
BZX84C3V3HE3	SOT-23	0.35	0.005	1	3.3	5	95	600	1
BZX84C3V6HE3	SOT-23	0.35	0.005	1	3.6	5	90	600	1
BZX84C3V9HE3	SOT-23	0.35	0.003	1	3.9	5	90	600	1
BZX84C4V3HE3	SOT-23	0.35	0.003	1	4.3	5	90	600	1
BZX84C4V7HE3	SOT-23	0.35	0.003	2	4.7	5	80	500	1
BZX84C5V1HE3	SOT-23	0.35	0.002	2	5.1	5	60	480	1
BZX84C5V6HE3	SOT-23	0.35	0.001	2	5.6	5	40	400	1
BZX84C6V2HE3	SOT-23	0.35	0.003	4	6.2	5	10	150	1
BZX84C6V8HE3	SOT-23	0.35	0.002	4	6.8	5	15	80	1
BZX84C7V5HE3	SOT-23	0.35	0.001	5	7.5	5	15	80	1
BZX84C8V2HE3	SOT-23	0.35	0.0007	5	8.2	5	15	80	1
BZX84C9V1HE3	SOT-23	0.35	0.0005	6	9.1	5	15	100	1
BZX84C10HE3	SOT-23	0.35	0.0002	7	10	5	20	150	1
BZX84C11HE3	SOT-23	0.35	0.0001	8	11	5	20	150	1
BZX84C12HE3	SOT-23	0.35	0.0001	8	12	5	25	150	1
BZX84C13HE3	SOT-23	0.35	0.0001	8	13	5	30	170	1
BZX84C15HE3	SOT-23	0.35	0.0001	10.5	15	5	30	200	1
BZX84C16HE3	SOT-23	0.35	0.0001	11.2	16	5	40	200	1
BZX84C18HE3	SOT-23	0.35	0.0001	12.6	18	5	45	225	1
BZX84C20HE3	SOT-23	0.35	0.0001	14	20	5	55	225	1
BZX84C22HE3	SOT-23	0.35	0.0001	15.4	22	5	55	250	1
BZX84C24HE3	SOT-23	0.35	0.0001	16.8	24	5	70	250	1
BZX84C27HE3	SOT-23	0.35	0.0001	18.9	27	2	80	300	0.5
BZX84C30HE3	SOT-23	0.35	0.0001	21	30	2	80	300	0.5
BZX84C33HE3	SOT-23	0.35	0.0001	23.1	33	2	80	325	0.5
BZX84C36HE3	SOT-23	0.35	0.0001	25.2	36	2	90	350	0.5
BZX84C39HE3	SOT-23	0.35	0.0001	27.3	39	2	130	350	0.5
BZX84C43HE3	SOT-23	0.35	0.0001	30.1	43	5	150	375	0.5
BZX84C47HE3	SOT-23	0.35	0.0001	32.9	47	5	170	375	0.5
BZT52B3V6HE3	SOD-123	0.5	0.015	1	3.6	5	95	600	1
BZT52B3V9HE3	SOD-123	0.5	0.01	1	3.9	5	95	600	1
BZT52B4V3HE3	SOD-123	0.5	0.005	1	4.3	5	95	600	1
BZT52B4V7HE3	SOD-123	0.5	0.005	2	4.7	5	78	500	1
BZT52B5V1HE3	SOD-123	0.5	0.0001	0.8	5.1	5	60	480	1
BZT52B5V6HE3	SOD-123	0.5	0.0001	1	5.6	5	40	400	1
BZT52B6V2HE3	SOD-123	0.5	0.0001	2	6.2	5	10	150	1
BZT52B6V8HE3	SOD-123	0.5	0.0001	3	6.8	5	8	80	1
BZT52B7V5HE3	SOD-123	0.5	0.0001	5	7.5	5	7	80	1
BZT52B8V2HE3	SOD-123	0.5	0.0001	6	8.2	5	7	80	1
BZT52B9V1HE3	SOD-123	0.5	0.0001	7	9.1	5	10	100	1
BZT52B10HE3	SOD-123	0.5	0.0001	7.5	10	5	15	150	1
BZT52B11HE3	SOD-123	0.5	0.0001	8.5	11	5	20	150	1
BZT52B12HE3	SOD-123	0.5	0.0001	9	12	5	20	150	1
BZT52B13HE3	SOD-123	0.5	0.0001	10	13	5	25	170	1

Zener Diodes

500mW Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P _D (W)	I _s (mA)	V _s (V)	V _Z (V)	I _{ZT} (mA)	Z _{ZT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)
BZT52B15HE3	SOD-123	0.5	0.0001	11	15	5	30	200	1
BZT52B16HE3	SOD-123	0.5	0.0001	12	16	5	40	200	1
BZT52B18HE3	SOD-123	0.5	0.0001	14	18	5	50	225	1
BZT52B20HE3	SOD-123	0.5	0.0001	15	20	5	50	225	1
BZT52B22HE3	SOD-123	0.5	0.0001	17	22	5	55	250	1
BZT52B24HE3	SOD-123	0.5	0.0001	18	24	5	70	250	1
BZT52B27HE3	SOD-123	0.5	0.0001	20	27	2	80	300	1
BZT52B30HE3	SOD-123	0.5	0.0001	22.5	30	2	80	300	1
BZT52B33HE3	SOD-123	0.5	0.0001	25	33	2	80	325	1
BZT52B36HE3	SOD-123	0.5	0.0001	27	36	2	90	350	1
BZT52B39HE3	SOD-123	0.5	0.0001	29	39	2	90	350	1
BZT52B43HE3	SOD-123	0.5	0.0001	32	43	2	100	375	1
BZT52B47HE3	SOD-123	0.5	0.0001	35	47	2	100	375	1
BZT52C2V4HE3	SOD-123	0.5	0.05	1	2.4	5	100	600	1
BZT52C2V7HE3	SOD-123	0.5	0.02	1	2.7	5	100	600	1
BZT52C3V0HE3	SOD-123	0.5	0.01	1	3	5	95	600	1
BZT52C3V3HE3	SOD-123	0.5	0.005	1	3.3	5	95	600	1
BZT52C3V6HE3	SOD-123	0.5	0.005	1	3.6	5	90	600	1
BZT52C3V9HE3	SOD-123	0.5	0.003	1	3.9	5	90	600	1
BZT52C4V3HE3	SOD-123	0.5	0.003	1	4.3	5	90	600	1
BZT52C4V7HE3	SOD-123	0.5	0.003	2	4.7	5	80	500	1
BZT52C5V1HE3	SOD-123	0.5	0.002	2	5.1	5	60	480	1
BZT52C5V6HE3	SOD-123	0.5	0.001	2	5.6	5	40	400	1
BZT52C6V2HE3	SOD-123	0.5	0.003	4	6.2	5	10	150	1
BZT52C6V8HE3	SOD-123	0.5	0.002	4	6.8	5	15	80	1
BZT52C7V5HE3	SOD-123	0.5	0.001	5	7.5	5	15	80	1
BZT52C8V2HE3	SOD-123	0.5	0.0007	5	8.2	5	15	80	1
BZT52C9V1HE3	SOD-123	0.5	0.0005	6	9.1	5	15	100	1
BZT52C10HE3	SOD-123	0.5	0.0002	7	10	5	20	150	1
BZT52C11HE3	SOD-123	0.5	0.0001	8	11	5	20	150	1
BZT52C12HE3	SOD-123	0.5	0.0001	8	12	5	25	150	1
BZT52C13HE3	SOD-123	0.5	0.0001	8	13	5	30	170	1
BZT52C15HE3	SOD-123	0.5	0.0001	10.5	15	5	30	200	1
BZT52C16HE3	SOD-123	0.5	0.0001	11.2	16	5	40	200	1
BZT52C18HE3	SOD-123	0.5	0.0001	12.6	18	5	45	225	1
BZT52C20HE3	SOD-123	0.5	0.0001	14	20	5	55	225	1
BZT52C22HE3	SOD-123	0.5	0.0001	15.4	22	5	55	250	1
BZT52C24HE3	SOD-123	0.5	0.0001	16.8	24	5	70	250	1
BZT52C27HE3	SOD-123	0.5	0.0001	18.9	27	2	80	300	0.5
BZT52C30HE3	SOD-123	0.5	0.0001	21	30	2	80	300	0.5
BZT52C33HE3	SOD-123	0.5	0.0001	23.1	33	2	80	325	0.5
BZT52C36HE3	SOD-123	0.5	0.0001	25.2	36	2	90	350	0.5
BZT52C39HE3	SOD-123	0.5	0.0001	27.3	39	2	130	350	0.5
BZT52C43HE3	SOD-123	0.5	0.0001	32	43	5	100	700	1

0.5W/1.0W Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P _D (W)	I _s (mA)	V _s (V)	V _Z (V)	I _{ZT} (mA)	Z _{ZT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)
BZT52C47HE3	SOD-123	0.5	0.0001	35	47	5	100	750	1
MMSZ5221BHE3	SOD-123	0.5	0.1	1	2.4	20	30	1200	0.25
MMSZ5222BHE3	SOD-123	0.5	0.1	1	2.5	20	30	1250	0.25
MMSZ5223BHE3	SOD-123	0.5	0.075	1	2.7	20	30	1300	0.25
MMSZ5225BHE3	SOD-123	0.5	0.05	1	3	20	29	1600	0.25
MMSZ5226BHE3	SOD-123	0.5	0.025	1	3.3	20	28	1600	0.25
MMSZ5227BHE3	SOD-123	0.5	0.015	1	3.6	20	24	1700	0.25
MMSZ5228BHE3	SOD-123	0.5	0.01	1	3.9	20	23	1900	0.25
MMSZ5229BHE3	SOD-123	0.5	0.005	1	4.3	20	22	2000	0.25
MMSZ5230BHE3	SOD-123	0.5	0.005	2	4.7	20	19	1900	0.25
MMSZ5231BHE3	SOD-123	0.5	0.005	2	5.1	20	17	1600	0.25
MMSZ5232BHE3	SOD-123	0.5	0.005	3	5.6	20	11	1600	0.25
MMSZ5233BHE3	SOD-123	0.5	0.005	3.5	6	20	7	1600	0.25
MMSZ5234BHE3	SOD-123	0.5	0.005	4	6.2	20	7	1000	0.25
MMSZ5235BHE3	SOD-123	0.5	0.003	5	6.8	20	5	750	0.25
MMSZ5236BHE3	SOD-123	0.5	0.003	6	7.5	20	6	500	0.25
MMSZ5237BHE3	SOD-123	0.5	0.003	6.5	8.2	20	8	500	0.25
MMSZ5238BHE3	SOD-123	0.5	0.003	6.5	8.7	20	8	600	0.25
MMSZ5239BHE3	SOD-123	0.5	0.003	7	9.1	20	10	600	0.25
MMSZ5240BHE3	SOD-123	0.5	0.003	8	10	20	17	600	0.25
MMSZ5241BHE3	SOD-123	0.5	0.002	8.4	11	20	22	600	0.25
MMSZ5242BHE3	SOD-123	0.5	0.001	9.1	12	20	30	600	0.25
MMSZ5243BHE3	SOD-123	0.5	0.0005	9.9	13	9.5	13	600	0.25
MMSZ5244BHE3	SOD-123	0.5	0.0001	10.5	14	9	15	600	0.25
MMSZ5245BHE3	SOD-123	0.5	0.0001	11	15	8.5	16	600	0.25
MMSZ5246BHE3	SOD-123	0.5	0.0001	12	16	7.8	17	600	0.25
MMSZ5248BHE3	SOD-123	0.5	0.0001	14	18	7	21	600	0.25
MMSZ5250BHE3	SOD-123	0.5	0.0001	15	20	6.2	25	600	0.25
MMSZ5251BHE3	SOD-123	0.5	0.0001	17	22	5.6	29	600	0.25
MMSZ5252BHE3	SOD-123	0.5	0.0001	18	24	5.2	33	600	0.25
MMSZ5254BHE3	SOD-123	0.5	0.0001	21	27	4.6	41	600	0.25
MMSZ5255BHE3	SOD-123	0.5	0.0001	21	28	4.5	44	600	0.25
MMSZ5256BHE3	SOD-123	0.5	0.0001	23	30	4.2	49	600	0.25
MMSZ5257BHE3	SOD-123	0.5	0.0001	25	33	3.8	58	700	0.25
MMSZ5258BHE3	SOD-123	0.5	0.0001	27	36	3.4	70	700	0.25
MMSZ5259BHE3	SOD-123	0.5	0.0001	30	39	3.2	80	800	0.25
MMSZ5260BHE3	SOD-123	0.5	0.0001	33	43	3	93	900	0.25
MMSZ5261BHE3	SOD-123	0.5	0.0001	36	47	2.7	105	1000	0.25
SMA1EZ110D5HE3	SMA	1	0.0001	83.6	110	2.3	450	4000	0.25
SMA1EZ120D5HE3	SMA	1	0.0001	91.2	120	2	550	4500	0.25
SMA1EZ130D5HE3	SMA	1	0.0001	98.8	130	1.9	700	5000	0.25
SMA1EZ150D5HE3	SMA	1	0.0001	114	150	1.7	1000	6000	0.25
SMA1EZ160D5HE3	SMA	1	0.0001	121.6	160	1.6	1100	6500	0.25
SMA1EZ180D5HE3	SMA	1	0.0001	136.8	180	1.4	1200	7000	0.25

Zener Diodes

1.0W Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P _D (W)	I _s (mA)	V _s (V)	V _Z (V)	I _{ZT} (mA)	Z _{ZT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)
SMA1EZ200D5HE3	SMA	1	0.0001	152	200	1.2	1900	9990	0.25
SMA1EZ220D5HE3	SMA	1	0.0001	167.2	220	1	1600	8000	0.25
SMA1EZ240D5HE3	SMA	1	0.0001	182.4	240	0.9	1800	8500	0.25
SMA1EZ250D5HE3	SMA	1	0.0001	190	250	0.9	2000	9000	0.25
SMA1EZ270D5HE3	SMA	1	0.0001	205	270	0.8	2100	9000	0.25
SMA1EZ300D5HE3	SMA	1	0.0001	228	300	0.8	2300	9500	0.25
SMA1EZ330D5HE3	SMA	1	0.0001	250.2	330	0.7	2500	9500	0.25
SMAJ4740AHE3	SMA	1	0.01	7.6	10	25	7	700	0.25
SMAJ4741AHE3	SMA	1	0.005	8.4	11	23	8	700	0.25
SMAJ4742AHE3	SMA	1	0.005	9.1	12	21	9	700	0.25
SMAJ4743AHE3	SMA	1	0.005	9.9	13	19	10	700	0.25
SMAJ4744AHE3	SMA	1	0.005	11.4	15	17	14	700	0.25
SMAJ4745AHE3	SMA	1	0.005	12.2	16	15.5	16	700	0.25
SMAJ4746AHE3	SMA	1	0.005	13.7	18	14	20	750	0.25
SMAJ4747AHE3	SMA	1	0.005	15.2	20	12.5	22	750	0.25
SMAJ4748AHE3	SMA	1	0.005	16.7	22	11.5	23	750	0.25
SMAJ4749AHE3	SMA	1	0.005	18.2	24	10.5	25	750	0.25
SMAJ4750AHE3	SMA	1	0.005	20.6	27	9.5	35	750	0.25
SMAJ4751AHE3	SMA	1	0.005	22.8	30	8.5	40	1000	0.25
SMAJ4752AHE3	SMA	1	0.005	25.1	33	7.5	45	1000	0.25
SMAJ4753AHE3	SMA	1	0.005	27.4	36	7	50	1000	0.25
SMAJ4754AHE3	SMA	1	0.005	29.7	39	6.5	60	1000	0.25
SMAJ4755AHE3	SMA	1	0.005	32.7	43	6	70	1500	0.25
SMAJ4756AHE3	SMA	1	0.005	35.8	47	5.5	80	1500	0.25
SMAJ4757AHE3	SMA	1	0.005	38.8	51	5	95	1500	0.25
SMAJ4758AHE3	SMA	1	0.005	42.6	56	4.5	110	2000	0.25
SMAJ4759AHE3	SMA	1	0.005	47.1	62	4	125	2000	0.25
SMAJ4760AHE3	SMA	1	0.005	51.7	68	3.7	150	2000	0.25
SMAJ4761AHE3	SMA	1	0.005	56	75	3.3	175	2000	0.25
SMAJ4762AHE3	SMA	1	0.005	62.2	82	3	200	3000	0.25
SMAJ4763AHE3	SMA	1	0.005	69.2	91	2.8	250	3000	0.25
SMAJ4764AHE3	SMA	1	0.005	76	100	2.5	350	3000	0.25
SMAZ10HE3	SMA	1	0.001	7.6	10	50	4	200	1
SMAZ12HE3	SMA	1	0.001	9.1	12	50	7	150	1
SMAZ15HE3	SMA	1	0.001	11.4	15	50	10	150	1
SMAZ16HE3	SMA	1	0.0005	12.2	16	25	15	150	1
SMAZ18HE3	SMA	1	0.0005	13.7	18	25	15	150	1
SMAZ20HE3	SMA	1	0.0005	15.2	20	25	15	180	1
SMAZ22HE3	SMA	1	0.0005	16.7	22	25	15	180	1
SMAZ24HE3	SMA	1	0.0005	18.2	24	25	15	180	1
SMAZ27HE3	SMA	1	0.0005	20.5	27	25	15	200	1
SMAZ30HE3	SMA	1	0.0005	22.8	30	25	15	250	1
SMAZ33HE3	SMA	1	0.0005	25.1	33	25	15	300	1
SMAZ36HE3	SMA	1	0.0005	27.4	36	10	40	350	1

1.0W/1.5W Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P _D (W)	I _s (mA)	V _s (V)	V _Z (V)	I _{ZT} (mA)	Z _{ZT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)
SMAZ39HE3	SMA	1	0.0005	29.6	39	10	40	450	1
SMAJ5925BHE3	SMA	1.5	0.005	8	10	37.5	4.5	500	0.25
SMAJ5926BHE3	SMA	1.5	0.001	8.4	11	34.1	5.5	550	0.25
SMAJ5927BHE3	SMA	1.5	0.001	9.1	12	31.2	6.5	550	0.25
SMAJ5928BHE3	SMA	1.5	0.001	9.9	13	28.8	7	550	0.25
SMAJ5929BHE3	SMA	1.5	0.001	11.4	15	25	9	600	0.25
SMAJ5930BHE3	SMA	1.5	0.001	12.2	16	23.4	10	600	0.25
SMAJ5931BHE3	SMA	1.5	0.001	13.7	18	20.8	12	650	0.25
SMAJ5932BHE3	SMA	1.5	0.001	15.2	20	18.7	14	650	0.25
SMAJ5933BHE3	SMA	1.5	0.001	16.7	22	17	17.5	650	0.25
SMAJ5934BHE3	SMA	1.5	0.001	18.2	24	15.6	19	700	0.25
SMAJ5935BHE3	SMA	1.5	0.001	20.6	27	13.9	23	700	0.25
SMAJ5936BHE3	SMA	1.5	0.001	22.8	30	12.5	28	750	0.25
SMAJ5937BHE3	SMA	1.5	0.001	25.1	33	11.4	33	800	0.25
SMAJ5938BHE3	SMA	1.5	0.001	27.4	36	10.4	38	850	0.25
SMAJ5939BHE3	SMA	1.5	0.001	29.7	39	9.6	45	900	0.25
SMAJ5940BHE3	SMA	1.5	0.001	32.7	43	8.7	53	950	0.25
SMAJ5941BHE3	SMA	1.5	0.001	35.8	47	8	67	1000	0.25
SMAJ5942BHE3	SMA	1.5	0.001	38.8	51	7.3	70	1100	0.25
SMAJ5943BHE3	SMA	1.5	0.001	42.6	56	6.7	86	1300	0.25
SMAJ5944BHE3	SMA	1.5	0.001	47.1	62	6	100	1500	0.25
SMAJ5945BHE3	SMA	1.5	0.001	51.7	68	5.5	120	1700	0.25
SMAJ5946BHE3	SMA	1.5	0.001	56	75	5	140	2000	0.25
SMAJ5947BHE3	SMA	1.5	0.001	62.2	82	4.6	160	2500	0.25
SMAJ5948BHE3	SMA	1.5	0.001	69.2	91	4.1	200	3000	0.25
SMAJ5949BHE3	SMA	1.5	0.001	76	100	3.7	250	3100	0.25
SMAJ5950BHE3	SMA	1.5	0.001	83.6	110	3.4	300	4000	0.25
SMAJ5951BHE3	SMA	1.5	0.001	91.2	120	3.1	380	4500	0.25
SMAJ5952BHE3	SMA	1.5	0.001	98.8	130	2.9	450	5000	0.25
SMAJ5953BHE3	SMA	1.5	0.001	114	150	2.5	600	6000	0.25
SMAJ5954BHE3	SMA	1.5	0.001	121.6	160	2.3	700	6500	0.25
SMAJ5955BHE3	SMA	1.5	0.001	136.8	180	2.1	900	7000	0.25
SMAJ5956BHE3	SMA	1.5	0.001	152	200	1.9	1200	8000	0.25
SMBJ5925BHE3	SMB	1.5	0.005	8	10	37.5	4.5	500	0.25
SMBJ5926BHE3	SMB	1.5	0.001	8.4	11	34.1	5.5	550	0.25
SMBJ5927BHE3	SMB	1.5	0.001	9.1	12	31.2	6.5	550	0.25
SMBJ5928BHE3	SMB	1.5	0.001	9.9	13	28.8	7	550	0.25
SMBJ5929BHE3	SMB	1.5	0.001	11.4	15	25	9	600	0.25
SMBJ5930BHE3	SMB	1.5	0.001	12.2	16	23.4	10	600	0.25
SMBJ5931BHE3	SMB	1.5	0.001	13.7	18	20.8	12	650	0.25
SMBJ5932BHE3	SMB	1.5	0.001	15.2	20	18.7	14	650	0.25
SMBJ5933BHE3	SMB	1.5	0.001	16.7	22	17	17.5	650	0.25
SMBJ5934BHE3	SMB	1.5	0.001	18.2	24	15.6	19	700	0.25
SMBJ5935BHE3	SMB	1.5	0.001	20.6	27	13.9	23	700	0.25

Zener Diodes

1.5W/2.0W Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P _D (W)	I _s (mA)	V _s (V)	V _Z (V)	I _{ZT} (mA)	Z _{ZT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)
SMBJ5936BHE3	SMB	1.5	0.001	22.8	30	12.5	28	750	0.25
SMBJ5937BHE3	SMB	1.5	0.001	25.1	33	11.4	33	800	0.25
SMBJ5938BHE3	SMB	1.5	0.001	27.4	36	10.4	38	850	0.25
SMBJ5939BHE3	SMB	1.5	0.001	29.7	39	9.6	45	900	0.25
SMBJ5940BHE3	SMB	1.5	0.001	32.7	43	8.7	53	950	0.25
SMBJ5941BHE3	SMB	1.5	0.001	35.8	47	8	67	1000	0.25
SMBJ5942BHE3	SMB	1.5	0.001	38.8	51	7.3	70	1100	0.25
SMBJ5943BHE3	SMB	1.5	0.001	42.6	56	6.7	86	1300	0.25
SMBJ5944BHE3	SMB	1.5	0.001	47.1	62	6	100	1500	0.25
SMBJ5945BHE3	SMB	1.5	0.001	51.2	68	5.5	120	1700	0.25
SMBJ5946BHE3	SMB	1.5	0.001	56	75	5	140	2000	0.25
SMBJ5947BHE3	SMB	1.5	0.001	62.2	82	4.6	160	2500	0.25
SMBJ5948BHE3	SMB	1.5	0.001	69.2	91	4.1	200	3000	0.25
SMBJ5949BHE3	SMB	1.5	0.001	76	100	3.7	250	3100	0.25
SMBJ5950BHE3	SMB	1.5	0.001	83.6	110	3.4	300	4000	0.25
SMBJ5951BHE3	SMB	1.5	0.001	91.2	120	3.1	380	4500	0.25
SMBJ5952BHE3	SMB	1.5	0.001	98.8	130	2.9	450	5000	0.25
SMBJ5953BHE3	SMB	1.5	0.001	114	150	2.5	600	6000	0.25
SMBJ5954BHE3	SMB	1.5	0.001	121.6	160	2.3	700	6500	0.25
SMBJ5955BHE3	SMB	1.5	0.001	136.8	180	2.1	900	7000	0.25
SMBJ5956BHE3	SMB	1.5	0.001	152	200	1.9	1200	8000	0.25
SMA2EZ10D5HE3	SMA	2	0.003	7.6	10	50	3.5	700	0.25
SMA2EZ11D5HE3	SMA	2	0.001	8.4	11	44.5	4	700	0.25
SMA2EZ12D5HE3	SMA	2	0.001	9.1	12	41.5	4.5	700	0.25
SMA2EZ13D5HE3	SMA	2	0.0005	9.9	13	38.5	5	700	0.25
SMA2EZ14D5HE3	SMA	2	0.0005	10.6	14	35.7	5.5	700	0.25
SMA2EZ15D5HE3	SMA	2	0.0005	11.4	15	33.4	7	700	0.25
SMA2EZ16D5HE3	SMA	2	0.0005	12.2	16	31.2	8	700	0.25
SMA2EZ17D5HE3	SMA	2	0.0005	13	17	29.4	9	750	0.25
SMA2EZ18D5HE3	SMA	2	0.0005	13.7	18	27.8	10	750	0.25
SMA2EZ19D5HE3	SMA	2	0.0005	14.4	19	26.3	11	750	0.25
SMA2EZ20D5HE3	SMA	2	0.0005	15.2	20	25	11	750	0.25
SMA2EZ22D5HE3	SMA	2	0.0005	16.7	22	22.8	12	750	0.25
SMA2EZ24D5HE3	SMA	2	0.0005	18.2	24	20.8	13	750	0.25
SMA2EZ27D5HE3	SMA	2	0.0005	20.6	27	18.5	18	750	0.25
SMA2EZ30D5HE3	SMA	2	0.0005	22.5	30	16.6	20	1000	0.25
SMA2EZ33D5HE3	SMA	2	0.0005	25.1	33	15.1	23	1000	0.25
SMA2EZ36D5HE3	SMA	2	0.0005	27.4	36	13.9	25	1000	0.25
SMA2EZ39D5HE3	SMA	2	0.0005	29.7	39	12.8	30	1000	0.25
SMA2EZ43D5HE3	SMA	2	0.0005	32.7	43	11.6	35	1500	0.25
SMA2EZ47D5HE3	SMA	2	0.0005	35.8	47	10.6	40	1500	0.25
SMA2EZ51D5HE3	SMA	2	0.0005	38.8	51	9.8	48	1500	0.25
SMA2EZ56D5HE3	SMA	2	0.0005	42.6	56	9	55	2000	0.25
SMA2EZ62D5HE3	SMA	2	0.0005	47.1	62	8.1	60	2000	0.25

2.0W/3.0W Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P _D (W)	I _s (mA)	V _s (V)	V _Z (V)	I _{ZT} (mA)	Z _{ZT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)
SMA2EZ68D5HE3	SMA	2	0.0005	51.7	68	7.4	75	2000	0.25
SMA2EZ75D5HE3	SMA	2	0.0005	56	75	6.7	90	2000	0.25
SMB2EZ10D5HE3	SMB	2	0.003	7.6	10	50	3.5	700	0.25
SMB2EZ11D5HE3	SMB	2	0.001	8.4	11	45.5	4	700	0.25
SMB2EZ12D5HE3	SMB	2	0.001	9.1	12	41.5	4.5	700	0.25
SMB2EZ13D5HE3	SMB	2	0.0005	9.9	13	38.5	5	700	0.25
SMB2EZ14D5HE3	SMB	2	0.0005	10.6	14	35.7	5.5	700	0.25
SMB2EZ15D5HE3	SMB	2	0.0005	11.4	15	33.4	7	700	0.25
SMB2EZ16D5HE3	SMB	2	0.0005	12.2	16	31.2	8	700	0.25
SMB2EZ17D5HE3	SMB	2	0.0005	13	17	29.4	9	750	0.25
SMB2EZ18D5HE3	SMB	2	0.0005	13.7	18	27.8	10	750	0.25
SMB2EZ19D5HE3	SMB	2	0.0005	14.4	19	26.3	11	750	0.25
SMB2EZ20D5HE3	SMB	2	0.0005	15.2	20	25	11	750	0.25
SMB2EZ22D5HE3	SMB	2	0.0005	16.7	22	22.8	12	750	0.25
SMB2EZ24D5HE3	SMB	2	0.0005	18.2	24	20.8	13	750	0.25
SMB2EZ27D5HE3	SMB	2	0.0005	20.6	27	18.5	18	750	0.25
SMB2EZ30D5HE3	SMB	2	0.0005	22.5	30	16.6	20	1000	0.25
SMB2EZ33D5HE3	SMB	2	0.0005	25.1	33	15.1	23	1000	0.25
SMB2EZ36D5HE3	SMB	2	0.0005	27.4	36	13.9	25	1000	0.25
SMB2EZ39D5HE3	SMB	2	0.0005	29.7	39	12.8	30	1000	0.25
SMB2EZ43D5HE3	SMB	2	0.0005	32.7	43	11.6	35	1500	0.25
SMB2EZ47D5HE3	SMB	2	0.0005	35.8	47	10.6	40	1500	0.25
SMB2EZ51D5HE3	SMB	2	0.0005	38.8	51	9.8	48	1500	0.25
SMB2EZ56D5HE3	SMB	2	0.0005	42.6	56	9	55	2000	0.25
SMB2EZ62D5HE3	SMB	2	0.0005	47.1	62	8.1	60	2000	0.25
SMB2EZ68D5HE3	SMB	2	0.0005	51.7	68	7.4	75	2000	0.25
SMB2EZ75D5HE3	SMB	2	0.0005	56	75	6.7	90	2000	0.25
3SMAJ5925BHE3	SMA	3	0.005	8	10	37.5	4.5	500	0.25
3SMAJ5926BHE3	SMA	3	0.001	8.4	11	34.1	5.5	550	0.25
3SMAJ5927BHE3	SMA	3	0.001	9.1	12	31.2	6.5	550	0.25
3SMAJ5928BHE3	SMA	3	0.001	9.9	13	28.8	7	550	0.25
3SMAJ5929BHE3	SMA	3	0.001	11.4	15	25	9	600	0.25
3SMAJ5930BHE3	SMA	3	0.001	12.2	16	23.4	10	600	0.25
3SMAJ5931BHE3	SMA	3	0.001	13.7	18	20.8	12	650	0.25
3SMAJ5932BHE3	SMA	3	0.001	15.2	20	18.7	14	650	0.25
3SMAJ5933BHE3	SMA	3	0.001	16.7	22	17	17.5	650	0.25
3SMAJ5934BHE3	SMA	3	0.001	18.2	24	15.6	19	700	0.25
3SMAJ5935BHE3	SMA	3	0.001	20.6	27	13.9	23	700	0.25
3SMAJ5936BHE3	SMA	3	0.001	22.8	30	12.5	28	750	0.25
3SMAJ5937BHE3	SMA	3	0.001	25.1	33	11.4	33	800	0.25
3SMAJ5938BHE3	SMA	3	0.001	27.4	36	10.4	38	850	0.25
3SMAJ5939BHE3	SMA	3	0.001	29.7	39	9.6	45	900	0.25
3SMAJ5940BHE3	SMA	3	0.001	32.7	43	8.7	53	950	0.25
3SMAJ5941BHE3	SMA	3	0.001	35.8	47	8	67	1000	0.25

Zener Diodes

3.0W Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P _D (W)	I _s (mA)	V _s (V)	V _Z (V)	I _{ZT} (mA)	Z _{ZT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)
3SMAJ5942BHE3	SMA	3	0.001	38.8	51	7.3	70	1100	0.25
3SMAJ5943BHE3	SMA	3	0.001	42.6	56	6.7	86	1300	0.25
3SMAJ5944BHE3	SMA	3	0.001	47.1	62	6	100	1500	0.25
3SMAJ5945BHE3	SMA	3	0.001	51.7	68	5.5	120	1700	0.25
3SMAJ5946BHE3	SMA	3	0.001	56	75	5	140	2000	0.25
3SMAJ5947BHE3	SMA	3	0.001	62.2	82	4.6	160	2500	0.25
3SMAJ5948BHE3	SMA	3	0.001	69.2	91	4.1	200	3000	0.25
3SMAJ5949BHE3	SMA	3	0.001	76	100	3.7	250	3100	0.25
3SMAJ5950BHE3	SMA	3	0.001	83.6	110	3.4	300	4000	0.25
3SMAJ5951BHE3	SMA	3	0.001	91.2	120	3.1	380	4500	0.25
3SMAJ5952BHE3	SMA	3	0.001	98.8	130	2.9	450	5000	0.25
3SMAJ5953BHE3	SMA	3	0.001	114	150	2.5	600	6000	0.25
3SMAJ5954BHE3	SMA	3	0.001	121.6	160	2.3	700	6500	0.25
3SMAJ5955BHE3	SMA	3	0.001	136.8	180	2.1	900	7000	0.25
3SMAJ5956BHE3	SMA	3	0.001	152	200	1.9	1200	8000	0.25
3SMBJ5925BHE3	SMB	3	0.005	8	10	37.5	4.5	500	0.25
3SMBJ5926BHE3	SMB	3	0.001	8.4	11	34.1	5.5	550	0.25
3SMBJ5927BHE3	SMB	3	0.001	9.1	12	31.2	6.5	550	0.25
3SMBJ5928BHE3	SMB	3	0.001	9.9	13	28.8	7	550	0.25
3SMBJ5929BHE3	SMB	3	0.001	11.4	15	25	9	600	0.25
3SMBJ5930BHE3	SMB	3	0.001	12.2	16	23.4	10	600	0.25
3SMBJ5931BHE3	SMB	3	0.001	13.7	18	20.8	12	650	0.25
3SMBJ5932BHE3	SMB	3	0.001	15.2	20	18.7	14	650	0.25
3SMBJ5933BHE3	SMB	3	0.001	16.7	22	17	17.5	650	0.25
3SMBJ5934BHE3	SMB	3	0.001	18.2	24	15.6	19	700	0.25
3SMBJ5935BHE3	SMB	3	0.001	20.6	27	13.9	23	700	0.25
3SMBJ5936BHE3	SMB	3	0.001	22.8	30	12.5	28	750	0.25
3SMBJ5937BHE3	SMB	3	0.001	25.1	33	11.4	33	800	0.25
3SMBJ5938BHE3	SMB	3	0.001	27.4	36	10.4	38	850	0.25
3SMBJ5939BHE3	SMB	3	0.001	29.7	39	9.6	45	900	0.25
3SMBJ5940BHE3	SMB	3	0.001	32.7	43	8.7	53	950	0.25
3SMBJ5941BHE3	SMB	3	0.001	35.8	47	8	67	1000	0.25
3SMBJ5942BHE3	SMB	3	0.001	38.8	51	7.3	70	1100	0.25
3SMBJ5943BHE3	SMB	3	0.001	42.6	56	6.7	86	1300	0.25
3SMBJ5944BHE3	SMB	3	0.001	47.1	62	6	100	1500	0.25
3SMBJ5945BHE3	SMB	3	0.001	51.7	68	5.5	120	1700	0.25
3SMBJ5946BHE3	SMB	3	0.001	56	75	5	140	2000	0.25
3SMBJ5947BHE3	SMB	3	0.001	62.2	82	4.6	160	2500	0.25
3SMBJ5948BHE3	SMB	3	0.001	69.2	91	4.1	200	3000	0.25
3SMBJ5949BHE3	SMB	3	0.001	76	100	3.7	250	3100	0.25
3SMBJ5950BHE3	SMB	3	0.001	83.6	110	3.4	300	4000	0.25
3SMBJ5951BHE3	SMB	3	0.001	91.2	120	3.1	380	4500	0.25
3SMBJ5952BHE3	SMB	3	0.001	98.8	130	2.9	450	5000	0.25
3SMBJ5953BHE3	SMB	3	0.001	114	150	2.5	600	6000	0.25

3.0W/5.0W Zener Diodes

Part Number	Package	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance		
		P _D (W)	I _R (mA)	V _R (V)	V _Z (V)	I _{ZT} (mA)	Z _{ZT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)
3SMBJ5954BHE3	SMB	3	0.001	121.6	160	2.3	700	6500	0.25
3SMBJ5955BHE3	SMB	3	0.001	136.8	180	2.1	900	7000	0.25
3SMBJ5956BHE3	SMB	3	0.001	152	200	1.9	1200	8000	0.25
SMBJ5347BHE3	SMB	5	0.005	7.6	10	125	2	125	1
SMBJ5348BHE3	SMB	5	0.005	8.4	11	125	2.5	125	1
SMBJ5349BHE3	SMB	5	0.002	9.1	12	100	2.5	125	1
SMBJ5350BHE3	SMB	5	0.001	9.9	13	100	2.5	100	1
SMBJ5351BHE3	SMB	5	0.001	10.6	14	100	2.5	75	1
SMBJ5352BHE3	SMB	5	0.001	11.5	15	75	2.5	75	1
SMBJ5353BHE3	SMB	5	0.001	12.2	16	75	2.5	75	1
SMBJ5354BHE3	SMB	5	0.0005	12.9	17	70	2.5	75	1
SMBJ5355BHE3	SMB	5	0.0005	13.7	18	65	2.5	75	1
SMBJ5356BHE3	SMB	5	0.0005	14.4	19	65	3	75	1
SMBJ5357BHE3	SMB	5	0.0005	15.2	20	65	3	75	1
SMBJ5358BHE3	SMB	5	0.0005	16.7	22	50	3.5	75	1
SMBJ5359BHE3	SMB	5	0.0005	18.2	24	50	3.5	100	1
SMBJ5360BHE3	SMB	5	0.0005	19	25	50	4	110	1
SMBJ5361BHE3	SMB	5	0.0005	20.6	27	50	5	120	1
SMBJ5362BHE3	SMB	5	0.0005	21.2	28	50	6	130	1
SMBJ5363BHE3	SMB	5	0.0005	22.8	30	40	8	140	1
SMBJ5364BHE3	SMB	5	0.0005	25.1	33	40	10	150	1
SMBJ5365BHE3	SMB	5	0.0005	27.4	36	30	11	160	1
SMBJ5366BHE3	SMB	5	0.0005	29.7	39	30	14	170	1
SMBJ5367BHE3	SMB	5	0.0005	32.7	43	30	20	190	1
SMBJ5368BHE3	SMB	5	0.0005	35.8	47	25	25	210	1
SMBJ5369BHE3	SMB	5	0.0005	38.8	51	25	27	230	1
SMBJ5370BHE3	SMB	5	0.0005	42.6	56	20	35	280	1
SMBJ5371BHE3	SMB	5	0.0005	45.5	60	20	40	350	1
SMBJ5372BHE3	SMB	5	0.0005	47.1	62	20	42	400	1
SMBJ5373BHE3	SMB	5	0.0005	51.7	68	20	44	500	1
SMBJ5374BHE3	SMB	5	0.0005	56	75	20	45	620	1
SMBJ5375BHE3	SMB	5	0.0005	62.2	82	15	65	720	1
SMBJ5376BHE3	SMB	5	0.0005	66	87	15	75	760	1
SMBJ5377BHE3	SMB	5	0.0005	69.2	91	15	75	760	1
SMBJ5378BHE3	SMB	5	0.0005	76	100	12	90	800	1
SMBJ5379BHE3	SMB	5	0.0005	83.6	110	12	125	1000	1
SMBJ5380BHE3	SMB	5	0.0005	91.2	120	10	170	1150	1
SMBJ5381BHE3	SMB	5	0.0005	98.8	130	10	190	1250	1
SMBJ5382BHE3	SMB	5	0.0005	106	140	8	230	1500	1
SMBJ5383BHE3	SMB	5	0.0005	114	150	8	330	1500	1
SMBJ5384BHE3	SMB	5	0.0005	122	160	8	350	1650	1
SMBJ5385BHE3	SMB	5	0.0005	129	170	8	380	1750	1
SMBJ5386BHE3	SMB	5	0.0005	137	180	5	430	1750	1
SMBJ5387BHE3	SMB	5	0.0005	144	190	5	450	1850	1
SMBJ5388BHE3	SMB	5	0.0005	152	200	5	480	1850	1

Schottky Diodes

0.015A~1.0A Schottky Diodes

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)
SD101CWHE3	SOD-123	0.015	40	2.00	0.39	0.20	0.001	30
SD101BWHE3	SOD-123	0.015	50	2.00	0.40	0.20	0.001	40
SD101AWHE3	SOD-123	0.015	60	2.00	0.41	0.20	0.001	50
RB751V-40HE3	SOD-323	0.03	40	0.20	0.37	0.50	0.001	30
BAS70-04HE3	SOT-23	0.07	70	0.10	1.00	0.01	0.015	50
BAS70-05HE3	SOT-23	0.07	70	0.10	1.00	0.01	0.015	50
BAS70-06HE3	SOT-23	0.07	70	0.10	1.00	0.01	0.015	50
BAS70HE3	SOT-23	0.07	70	0.10	1.00	0.01	0.015	50
BAT46WHE3	SOD-123	0.15	100	0.75	1.00	2.00	0.250	75
BAS40-04HE3	SOT-23	0.2	40	0.60	1.00	0.01	0.040	30
BAS40-05HE3	SOT-23	0.2	40	0.60	1.00	0.01	0.040	30
BAS40-06HE3	SOT-23	0.2	40	0.60	1.00	0.01	0.040	30
BAS40HE3	SOT-23	0.2	40	0.60	1.00	0.01	0.040	30
BAT54AHE3	SOT-23	0.2	30	0.60	0.40	2.00	0.010	25
BAT54CHE3	SOT-23	0.2	30	0.60	0.40	2.00	0.010	25
BAT54HE3	SOT-23	0.2	30	0.60	0.40	2.00	0.010	25
BAT54SHE3	SOT-23	0.2	30	0.60	0.40	2.00	0.010	25
BAT54WHE3	SOD-123	0.2	30	0.60	1.00	2.00	0.100	25
BAT54WSHE3	SOD-323	0.2	30	0.60	1.00	2.00	0.100	25
BAT54AWTHE3	SOT-323	0.2	30	0.60	0.80	2.00	0.100	25
BAT54CWTHE3	SOT-323	0.2	30	0.60	0.80	2.00	0.100	25
BAT54SWTHE3	SOT-323	0.2	30	0.60	0.80	2.00	0.100	25
BAT54WTHE3	SOT-323	0.2	30	0.60	0.80	2.00	0.100	25
RB520S-30HE3	SOD-523	0.2	30	1.00	0.60	1.00	0.200	10
RB521S-30HE3	SOD-523	0.2	30	1.00	0.50	30.00	0.200	10
SD103CWHE3	SOD-123	0.35	20	1.50	0.37	5.00	0.020	10
SD103BWHE3	SOD-123	0.35	30	1.50	0.37	5.00	0.020	20
SD103AWHE3	SOD-123	0.35	40	1.50	0.37	5.00	0.020	30
SD103CWSHE3	SOD-323	0.35	20	1.50	0.37	5.00	0.020	10
SD103BWSHE3	SOD-323	0.35	30	1.50	0.37	5.00	0.020	20
SD103AWSHE3	SOD-323	0.35	40	1.50	0.37	5.00	0.020	30
B0530WSHE3	SOD-323	0.5	30	5.00	0.55	300.00	0.500	30
B0540WHE3	SOD-123	0.5	40	5.50	0.55	80.00	0.500	40
B0540WSHE3	SOD-323	0.5	40	5.00	0.55	80.00	0.500	40
B5817WHE3	SOD-123	1	20	10.00	0.45	200.00	1.000	20
B5818WHE3	SOD-123	1	30	10.00	0.55	40.00	1.000	30
B5819WHE3	SOD-123	1	40	10.00	0.60	40.00	1.000	40
B5817WSHE3	SOD-323	1	20	10.00	0.45	200.00	1.000	20
B5818WSHE3	SOD-323	1	30	10.00	0.55	40.00	1.000	30
B5819WSHE3	SOD-323	1	40	10.00	0.60	40.00	1.000	40
SM5817PLHE3	SOD-123FL	1	20	30.00	0.45	50.00	1.000	20
SM5818PLHE3	SOD-123FL	1	30	30.00	0.45	50.00	1.000	30
SM5819PLHE3	SOD-123FL	1	40	30.00	0.53	50.00	1.000	40
SMD110PLHE3	SOD-123FL	1	100	30.00	0.85	10.00	1.000	100

1.0A~3.0A Schottky Diodes

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage
		I _F (A)	V _{RWM} (V)	I _{FSM} (A)	V _F (V)	I _R (uA)	I _{FM} (A)	V _R (V)
SMD1150PLHE3	SOD-123FL	1	150	30.00	0.85	10.00	1.000	150
SMD1200PLHE3	SOD-123FL	1	200	30.00	0.95	10.00	1.000	200
SMD15PLHE3	SOD-123FL	1	50	30.00	0.70	100.00	1.000	50
SMD16PLHE3	SOD-123FL	1	60	30.00	0.70	100.00	1.000	60
SMD18PLHE3	SOD-123FL	1	80	30.00	0.85	100.00	1.000	80
SS1150HE3-L	SMA	1	150	30.00	0.90	10.00	1.000	150
SS1200HE3-L	SMA	1	200	30.00	0.92	10.00	1.000	200
SS12HE3-L	SMA	1	20	30.00	0.50	100.00	1.000	20
SS13HE3-L	SMA	1	30	30.00	0.50	100.00	1.000	30
SS14HE3-L	SMA	1	40	30.00	0.50	100.00	1.000	40
SS15HE3-L	SMA	1	50	30.00	0.70	100.00	1.000	50
SS16HE3-L	SMA	1	60	30.00	0.70	100.00	1.000	60
SS18HE3-L	SMA	1	80	30.00	0.85	50.00	1.000	80
SS110HE3-L	SMA	1	100	30.00	0.85	50.00	1.000	100
RB551V-30HE3	SOD-323	2	30	0.50	0.47	100.00	0.500	20
SK22HE3-L	SMB	2	20	50.00	0.50	100.00	2.000	20
SK23HE3-L	SMB	2	30	50.00	0.50	100.00	2.000	30
SK24HE3-L	SMB	2	40	50.00	0.50	100.00	2.000	40
SK25HE3-L	SMB	2	50	50.00	0.70	100.00	2.000	50
SK26HE3-L	SMB	2	60	50.00	0.70	100.00	2.000	60
SK28HE3-L	SMB	2	80	50.00	0.85	50.00	2.000	80
SK210HE3-L	SMB	2	100	50.00	0.85	50.00	2.000	100
SMD22PLHE3	SOD-123FL	2	20	50.00	0.50	100.00	2.000	20
SMD24PLHE3	SOD-123FL	2	40	50.00	0.50	100.00	2.000	40
SMD26PLHE3	SOD-123FL	2	60	50.00	0.70	100.00	2.000	60
SMD28PLHE3	SOD-123FL	2	80	50.00	0.85	100.00	2.000	80
SMD210PLHE3	SOD-123FL	2	100	50.00	0.85	100.00	2.000	100
SS22HE3-L	SMA	2	20	50.00	0.55	100.00	2.000	20
SS23HE3-L	SMA	2	30	50.00	0.55	100.00	2.000	30
SS24HE3-L	SMA	2	40	50.00	0.55	100.00	2.000	40
SS25HE3-L	SMA	2	50	50.00	0.70	100.00	2.000	50
SS26HE3-L	SMA	2	60	50.00	0.70	100.00	2.000	60
SS28HE3-L	SMA	2	80	50.00	0.85	100.00	2.000	80
SS210HE3-L	SMA	2	100	50.00	0.85	100.00	2.000	100
SK3150AHE3-L	SMA	3	150	70.00	0.90	10.00	3.000	150
SK3200AHE3-L	SMA	3	200	70.00	0.90	10.00	3.000	200
SK3150BHE3-L	SMB	3	150	80.00	0.86	10.00	3.000	150
SK3200BHE3-L	SMB	3	200	100.00	0.86	2.00	3.000	200
SK32BHE3-L	SMB	3	20	100.00	0.50	100.00	3.000	20
SK33BHE3-L	SMB	3	30	100.00	0.50	100.00	3.000	30
SK34BHE3-L	SMB	3	40	100.00	0.50	100.00	3.000	40
SK35BHE3-L	SMB	3	50	100.00	0.75	100.00	3.000	50
SK36BHE3-L	SMB	3	60	100.00	0.75	100.00	3.000	60
SK38BHE3-L	SMB	3	80	100.00	0.85	100.00	3.000	80

Schottky Diodes

3.0A~15.0A Schottky Diodes

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage
		I_F (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)
SK310BHE3-L	SMB	3	100	100.00	0.85	100.00	3.000	100
SK32HE3	SMC	3	20	100.00	0.50	100.00	3.000	20
SK33HE3	SMC	3	30	100.00	0.50	100.00	3.000	30
SK34HE3	SMC	3	40	100.00	0.50	100.00	3.000	40
SK35HE3	SMC	3	50	100.00	0.75	100.00	3.000	50
SK36HE3	SMC	3	60	100.00	0.75	100.00	3.000	60
SK38HE3	SMC	3	80	100.00	0.85	100.00	3.000	80
SK310HE3	SMC	3	100	100.00	0.85	100.00	3.000	100
SK34AHE3-L	SMA	3	40	80.00	0.50	100.00	3.000	40
SK36AHE3-L	SMA	3	60	80.00	0.75	100.00	3.000	60
SK310AHE3-L	SMA	3	100	80.00	0.85	100.00	3.000	100
MBR5U100HHE3	TO-277	5	100	240.00	0.80	10.00	5.000	100
MBR5U60SHE3	TO-277	5	60	200.00	0.65	100.00	5.000	60
SK5150LHE3	SMC	5	150	150.00	0.87	10.00	5.000	150
SK5200LHE3	SMC	5	200	150.00	0.90	10.00	5.000	200
SK52AHE3-L	SMA	5	20	100.00	0.55	100.00	5.000	20
SK53AHE3-L	SMA	5	30	100.00	0.55	100.00	5.000	30
SK54AHE3-L	SMA	5	40	100.00	0.55	100.00	5.000	40
SK55AHE3-L	SMA	5	50	100.00	0.75	100.00	5.000	50
SK56AHE3-L	SMA	5	60	100.00	0.75	100.00	5.000	60
SK58AHE3-L	SMA	5	80	100.00	0.85	100.00	5.000	80
SK510AHE3-L	SMA	5	100	100.00	0.85	100.00	5.000	100
SK52BHE3-L	SMB	5	20	100.00	0.55	100.00	5.000	20
SK53BHE3-L	SMB	5	30	100.00	0.55	100.00	5.000	30
SK54BHE3-L	SMB	5	40	100.00	0.55	100.00	5.000	40
SK55BHE3-L	SMB	5	50	100.00	0.75	100.00	5.000	50
SK56BHE3-L	SMB	5	60	100.00	0.75	100.00	5.000	60
SK58BHE3-L	SMB	5	80	100.00	0.85	50.00	5.000	80
SK510BHE3-L	SMB	5	100	100.00	0.85	50.00	5.000	100
SK52LHE3	SMC	5	20	100.00	0.55	100.00	5.000	20
SK53LHE3	SMC	5	30	100.00	0.55	100.00	5.000	30
SK54LHE3	SMC	5	40	100.00	0.55	100.00	5.000	40
SK55LHE3	SMC	5	50	100.00	0.75	100.00	5.000	50
SK56LHE3	SMC	5	60	100.00	0.75	100.00	5.000	60
SK58LHE3	SMC	5	80	100.00	0.85	100.00	5.000	80
SK510LHE3	SMC	5	100	100.00	0.85	100.00	5.000	100
SK82LHE3	SMC	8	20	200.00	0.65	100.00	8.000	20
SK84LHE3	SMC	8	40	200.00	0.65	100.00	8.000	40
SK86LHE3	SMC	8	60	200.00	0.65	100.00	8.000	60
SK810LHE3	SMC	8	100	200.00	0.80	100.00	8.000	100
MBR10U100HHE3	TO-277	10	100	240.00	0.85	10.00	10.000	100
MBR15U45HE3	TO-277	15	45	300.00	0.54	100.00	15.000	45

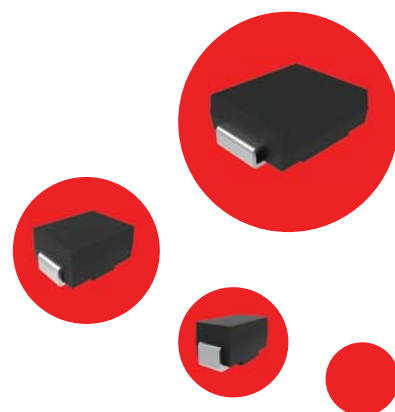
1.0A~5.0A Standard Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_{RR} (μs)
GS1AHE3-L	SMA	1	50	30	1	5	1	50	2
GS1BHE3-L	SMA	1	100	30	1	5	1	100	2
GS1DHE3-L	SMA	1	200	30	1	5	1	200	2
GS1GHE3-L	SMA	1	400	30	1	5	1	400	2
GS1JHE3-L	SMA	1	600	30	1	5	1	600	2
GS1KHE3-L	SMA	1	800	30	1	5	1	800	2
GS1MHE3-L	SMA	1	1000	30	1	5	1	1000	2
SM4001PLHE3	SOD-123FL	1	50	30	1.1	5	1	50	3
SM4002PLHE3	SOD-123FL	1	100	30	1.1	5	1	100	3
SM4003PLHE3	SOD-123FL	1	200	30	1.1	5	1	200	3
SM4004PLHE3	SOD-123FL	1	400	30	1.1	5	1	400	3
SM4005PLHE3	SOD-123FL	1	600	30	1.1	5	1	600	3
SM4006PLHE3	SOD-123FL	1	800	30	1.1	5	1	800	3
SM4007PLHE3	SOD-123FL	1	1000	30	1.1	5	1	1000	3
GS2AHE3-L	SMA	2	50	50	1.1	5	2	50	4
GS2BHE3-L	SMA	2	100	50	1.1	5	2	100	4
GS2DHE3-L	SMA	2	200	50	1.1	5	2	200	4
GS2GHE3-L	SMA	2	400	50	1.1	5	2	400	4
GS2JHE3-L	SMA	2	600	50	1.1	5	2	600	4
GS2KHE3-L	SMA	2	800	50	1.1	5	2	800	4
GS2MHE3-L	SMA	2	1000	50	1.1	5	2	1000	4
S2AHE3-L	SMB	2	50	50	1.15	5	2	50	-
S2BHE3-L	SMB	2	100	50	1.15	5	2	100	-
S2DHE3-L	SMB	2	200	50	1.15	5	2	200	-
S2GHE3-L	SMB	2	400	50	1.15	5	2	400	-
S2JHE3-L	SMB	2	600	50	1.15	5	2	600	-
S2KHE3-L	SMB	2	800	50	1.15	5	2	800	-
S2MHE3-L	SMB	2	1000	50	1.15	5	2	1000	-
S3ABHE3	SMB	3	50	100	1.15	10	3	50	-
S3BBHE3	SMB	3	100	100	1.15	10	3	100	-
S3DBHE3	SMB	3	200	100	1.15	10	3	200	-
S3GBHE3	SMB	3	400	100	1.15	10	3	400	-
S3JBHE3	SMB	3	600	100	1.15	10	3	600	-
S3KBHE3	SMB	3	800	100	1.15	10	3	800	-
S3MBHE3	SMB	3	1000	100	1.15	10	3	1000	-
S3AHE3	SMC	3	50	100	1.2	10	3	50	-
S3BHE3	SMC	3	100	100	1.2	10	3	100	-
S3DHE3	SMC	3	200	100	1.2	10	3	200	-
S3GHE3	SMC	3	400	100	1.2	10	3	400	-
S3JHE3	SMC	3	600	100	1.2	10	3	600	-
S3KHE3	SMC	3	800	100	1.2	10	3	800	-
S3MHE3	SMC	3	1000	100	1.2	10	3	1000	-
S5ALHE3	SMC	5	50	100	1.15	5	5	50	-
S5BLHE3	SMC	5	100	100	1.15	5	5	100	-

Standard Recovery Rectifiers

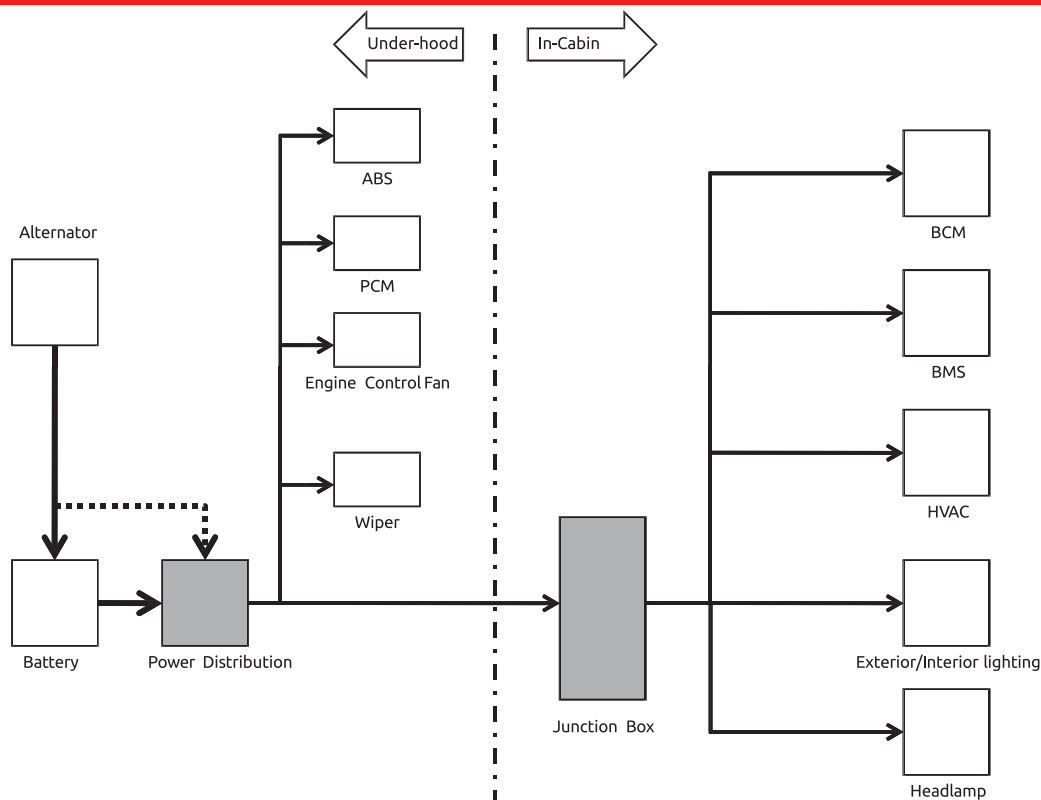
5.0A~10.0A Standard Recovery Rectifiers

Part Number	Package	Average Forward Current	Working Peak Reverse Voltage	Peak Forward Surge Current	Maximum Forward Voltage	Reverse Voltage Leakage Current	At Rated Forward Current	Maximum DC Blocking Voltage	Reverse Recovery Time
		$I_{F(AV)}$ (A)	V_{RWM} (V)	I_{FSM} (A)	V_F (V)	I_R (uA)	I_{FM} (A)	V_R (V)	T_{RR} (μs)
S5DLHE3	SMC	5	200	100	1.15	5	5	200	-
S5GLHE3	SMC	5	400	100	1.15	5	5	400	-
S5JLHE3	SMC	5	600	100	1.15	5	5	600	-
S5KLHE3	SMC	5	800	100	1.15	5	5	800	-
S5MLHE3	SMC	5	1000	100	1.15	5	5	1000	-
S8ALHE3	SMC	8	50	200	1.05	5	8	50	-
S8BLHE3	SMC	8	100	200	1.05	5	8	100	-
S8DLHE3	SMC	8	200	200	1.05	5	8	200	-
S8GLHE3	SMC	8	400	200	1.05	5	8	400	-
S8JLHE3	SMC	8	600	200	1.05	5	8	600	-
S8KLHE3	SMC	8	800	200	1.05	5	8	800	-
S8MLHE3	SMC	8	1000	200	1.05	5	8	1000	-
S10DLHE3	SMC	10	200	200	1	5	10	200	-



Typical Application

Automotive Power Distribution



Automotive Target Market

Lighting(Headlamp/Exterior/Interior lighting)

Car Infotainment/Navigation system

RVC/AVM(Rear View Camera/Around View Monitoring)

HUD(Head Up Display)

Instrument Cluster

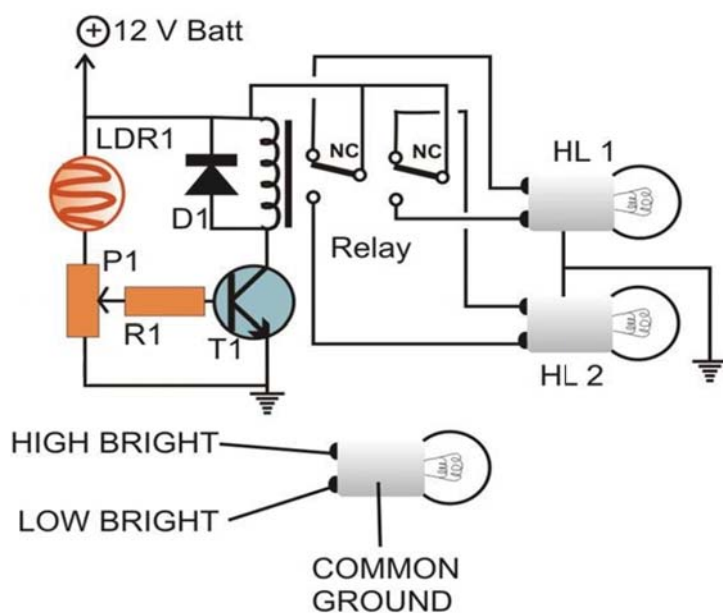
BMS

BCM

Typical Application

Typical Application

Lighting(Headlamp/Exterior/Interior lighting)

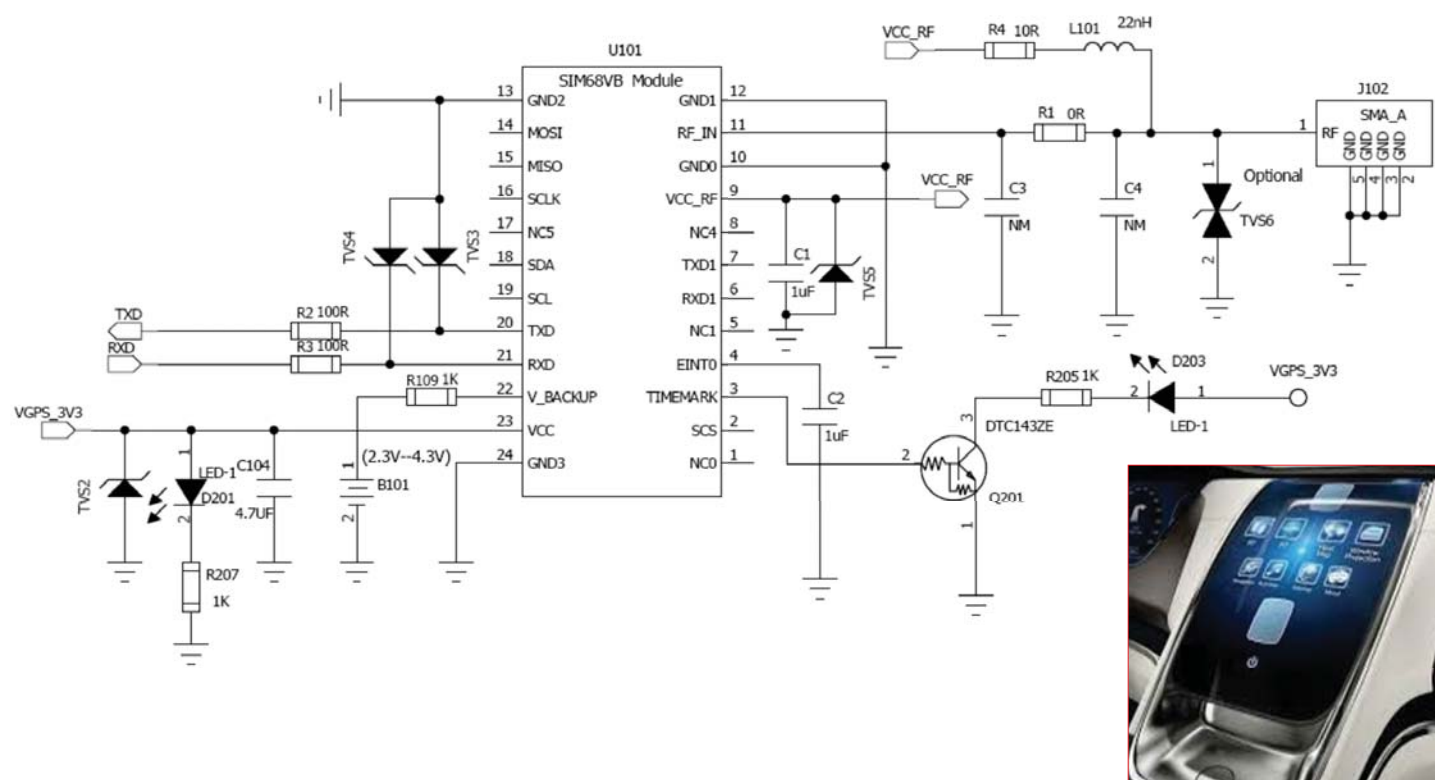


Typical Products

Catalog	Electrical Characteristics	Part Number	Package
Switching Diode	150~250mA 75~250V	1N4148WHE3,BA516WXHE3,BAS21HE3,BAV70HE3, BAV99HE3	SOD-123,SOD-323,SOT-23
Rectifier Diode	1A,2A,3A 600V,800V,1000V	GS1MHE3-L,GS2MHE3-L,S3MHE3	SMA,SMB,SMC
Zener	0.5W 2V4~47V	BZT52CXXHE3, BZT52BXXHE3	SOD-123, SOD323
SKY	1A,2A,3A 40V,60V,100V	SS110HE3-L,SS24HE3-L,SS36BHE3, SS310HE3	SMA,SMB,SMC
TVS	400W,600W,1500W 6.8~220V	SMAJXXHE3,SMBJXXHE3, SMCJXXHE3	SMA, SMB,SMC
TVS	6600W 22~36V	SM8SXXA	DO-218AB
ESD	24V 300W	SM24BHE3	SOT-23
Transistor	NPN/PNP,60V/140V,300mW	MMBT3904HE3,MMBT3906HE3, MMBT5401HE3,MMBT5551HE3	SOT-23

Typical Application

Car Infotainment / Navigation System



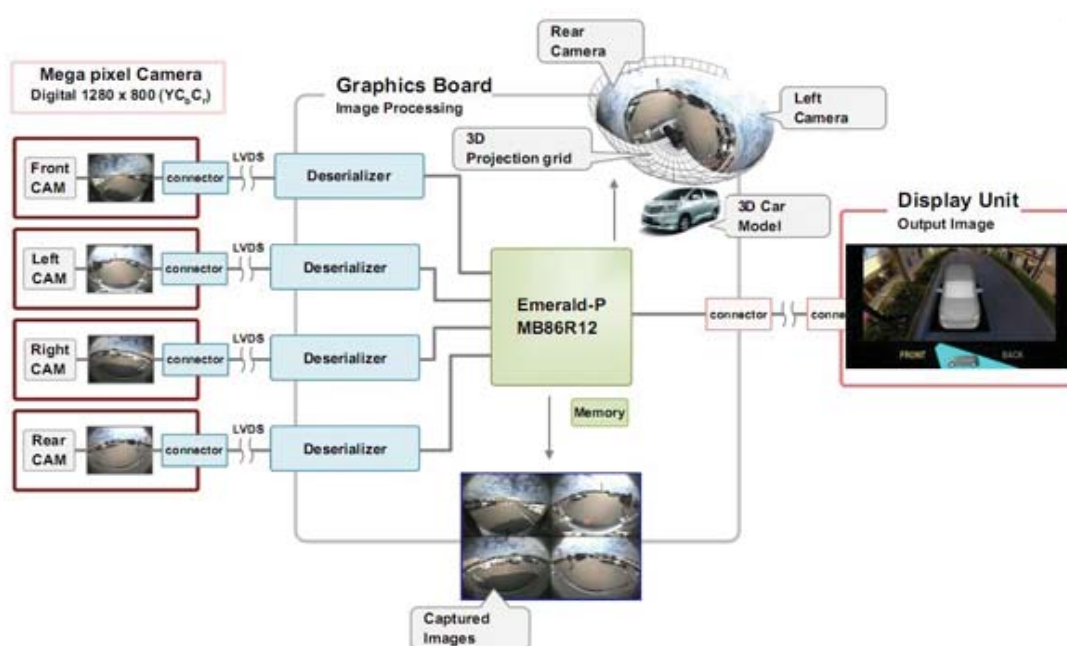
Typical Products

Function	Part Number	Electrical Characteristics
Stable Voltage	BZT52C5V1SHE3	DIO ZENER 5.1V 200mW SOD-323
	BZT52B5V1HE3	DIO ZENER 5.1V 200mW SOD-123
Active Antenna	MBT2222AHE3	NPN 40V 150MA HFE:75 SOT-23

Typical Application

Typical Application

RVC / AVM



Typical Products

Part Number	Package	Electrical Characteristics
SMAJ28AHE3	SMA	TVS 400W/28V
5.0SMLJ28CAHE3	SMC	TVS 5000W/28V
S5M28A	DO-218AB	TVS 5000W/28V
S8M28A	DO-218AB	TVS 6600W/28V

Typical Application

HUD (Head Up Display)



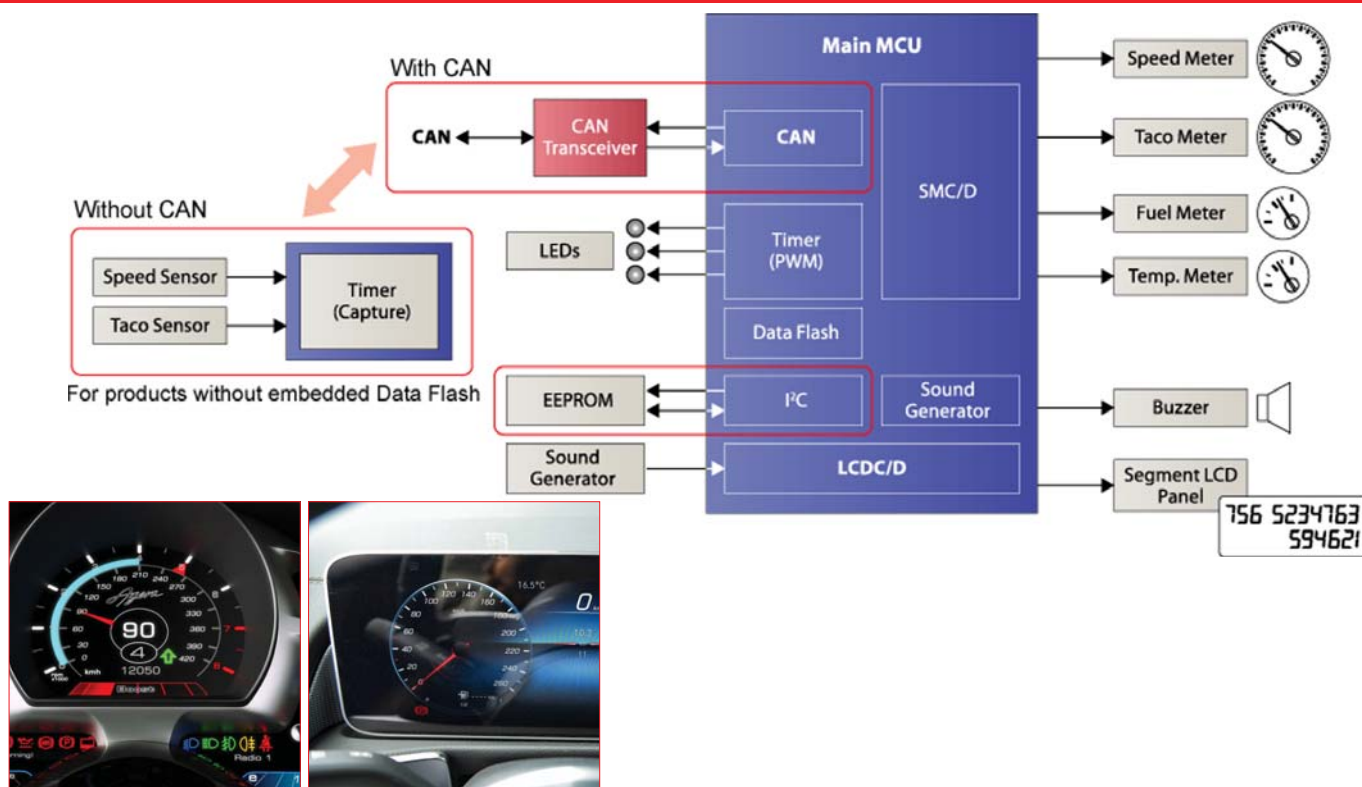
Typical Products

Part Number	Package	Electrical Characteristics
5.0SMLJ22AHE3	SMC	TVS 5000W/22V
SMLJ36CAHE3	SMC	TVS 3000W/36V
SM5S22A	DO-218AB	TVS 3.6KW/22V
BC846BHE3	SOT-23	TR 100mA/65V
1N4448WXHE3	SOD-323	SWITCHING 0.15A/75V

Typical Application

Typical Application

Instrument Cluster



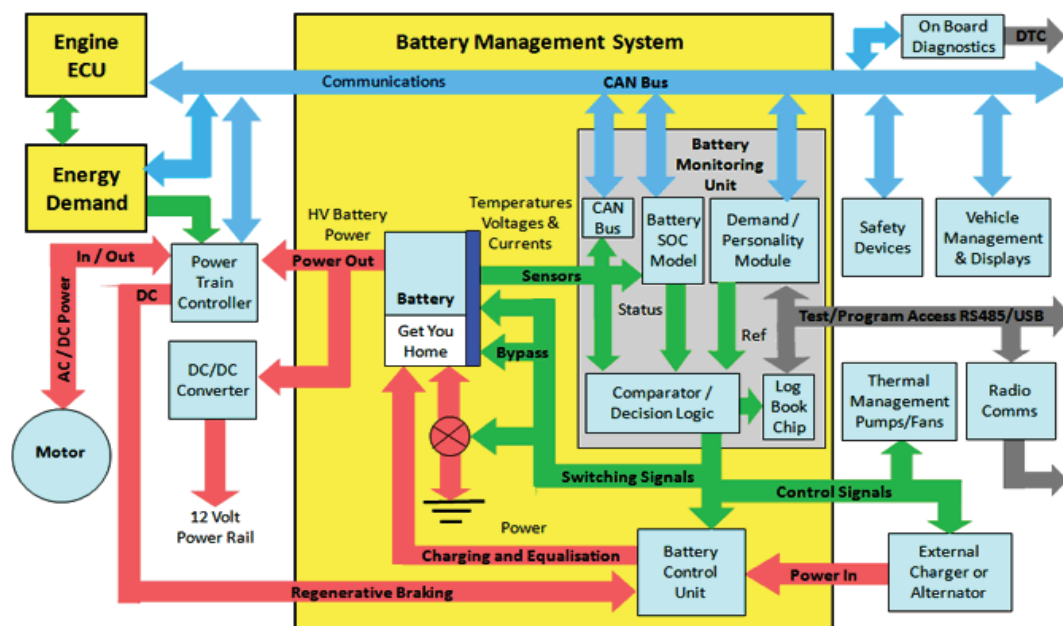
Typical Products

Part Number	Package	Electrical Characteristics	Part Number	Package	Electrical Characteristics
BAT54AHE3	SOT-23	SKY 0.2A/30V	1N4148WXHE3	SOD-323	SWITCHING 0.15A/100V
SS13HE3-L	SMA	LOW VF SKY 1A/30V	MMBT3904HE3	SOT-23	TR 200mA/40V
SS14HE3-L	SMA	SKY 1A/40V	MMBT2222AHE3	SOT-23	TR 600mA/40V
SK32AHE3-L~SK310AHE3-L	SMA	SKY 3A/20V~100V	SMBJ24CAHE3	SMB	TVS 600W/24V
GS1GHE3-L~GS1MHE3-L	SMA	STD 1A/400V~1000V	SMCJxxA/CAHE3 Series	SMC	TVS 1500W/10V~78V
S2GHE3-L~S2MHE3-L	SMB	STD 2A/400V~1000V	SM5SXXA series	DO-218AB	TVS 3600W/3V~43V
S3GHE3	SMC	STD 3A/400V	SM8SXXA series	DO-218AB	TVS 6600W/10V~43V
BAV99HE3	SOT-23	SWITCHING 0.215A/100V	BZT52BXVXS series	SOD-323	ZENER 200mW/2.4V~47V
BAW56HE3	SOT-23	SWITCHING 0.25A/75V	BZT52BXVX Series	SOD-123	ZENER 500mW/2.4V~47V
BAV70HE3	SOT-23	SWITCHING 0.215A/100V	MMSZXXXB Series	SOD-123	ZENER 500mW/2.4V~47V
1N4148WHE3	SOD-123	SWITCHING 0.15A/100V			

Typical Application

BMS

Vehicle Energy Management Functions



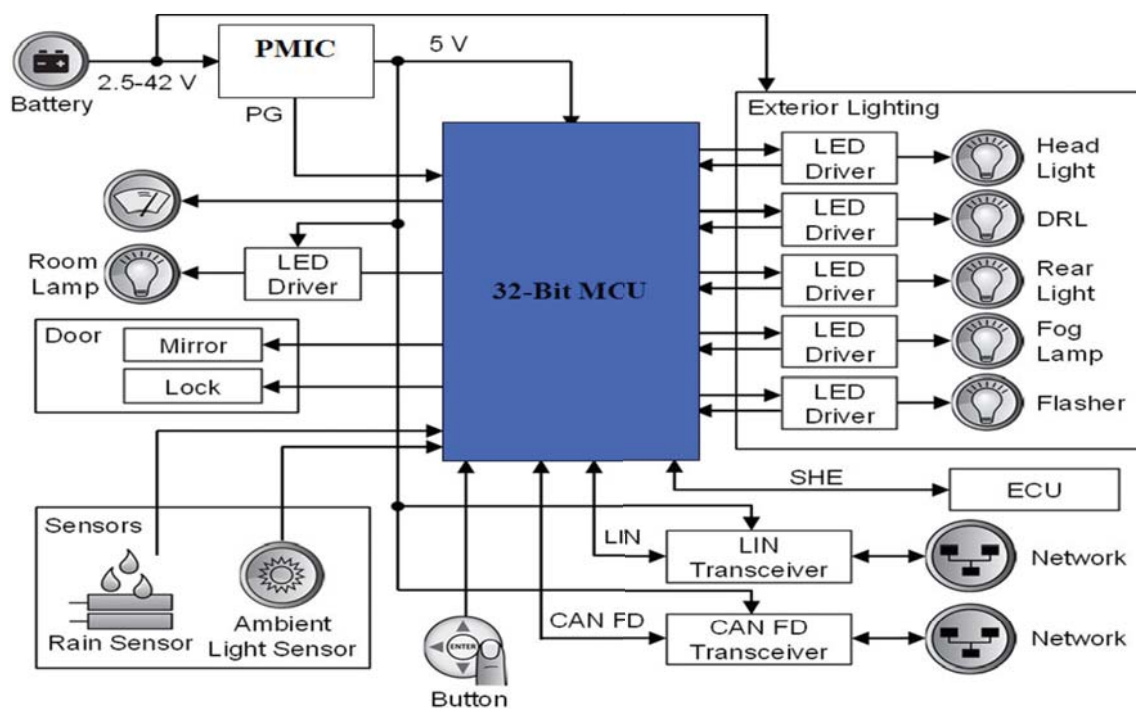
Typical Products

Catalog	Part Number	Package	Electrical Characteristics
Switching Diode	1N4148WHE3, BAS16WXHE3, BAS21HE3, BAV70HE3, BAV99HE3	SOD-123, SOD-323, SOT-23	150~250mA 75~250V
Rectifier Diode	GS1MHE3-L, GS2MHE3-L, S3MHE3	SMA, SMB, SMC	1A, 2A, 3A 600V, 800V, 1000V
Zener	BZT52CXHE3, BZT52BXXHE3, BZT52CXXSHE3, BZT52BXXJSHE3	SOD-123, SOD-323	0.5W 2.4V~47V
SKY	BAS70HE3, BAT54XHE3	SOT-23	0.2A 30V, 70V
SKY	SS110HE3, SS24HE3, SS36BHE3, SS310HE3	SMA, SMB, SMC	1A, 2A, 3A 40V, 60V, 100V
TVS	SMAJXXHE3, SMBJXXHE3, SMCJXXHE3, SMLJXXHE3	SMA, SMB, SMC	400W, 600W, 1500W 6.8~220V, 3000W, 10V~43V
TVS	SM8SXXA	DO-218AB	6600W 22~36V
ESD	SM24BHE3	SOT-23	24V 300W
Transistor	MMBT3904HE3, MMBT3906HE3, MMBT5401HE3, MMBT5551HE3	SOT-23	NPN/PNP, 60V/140V, 300mW

Typical Application

Typical Application

BCM

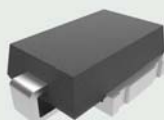
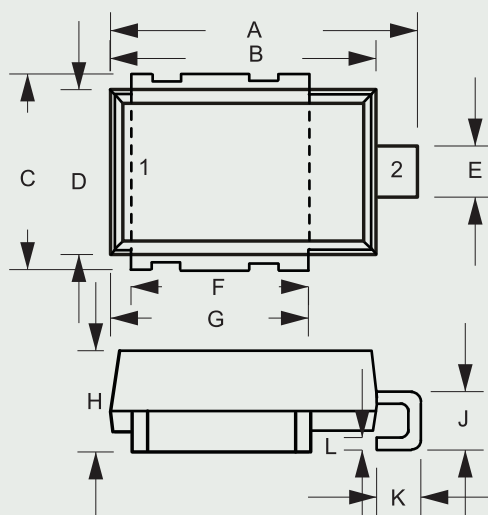


Typical Products

Part Number	Package	Electrical Characteristics
SMCJ26CAHE3	SMC	TVS 1500W/26V
SMCJ36CAHE3	SMC	TVS 1500W/36V
SM8S26A	DO-218AB	TVS 6.6KW/26V
MMBT5551HE3	SOT-23	TR 600mA/140V
MMBT5401HE3	SOT-23	TR 500mA/-150V
MMSZ52XXBHE3 Series	SOD-123	ZENER 500mW/2.4V~47V

Package Outline

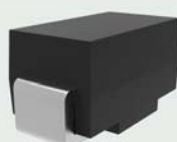
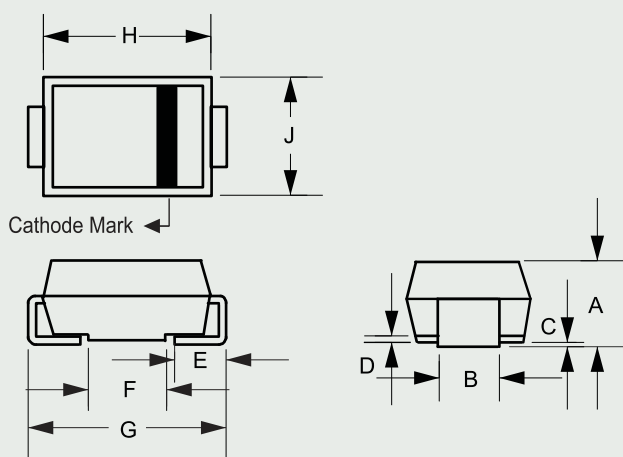
DO-218AB



DIMENSIONS

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.590	0.630	15.00	16.00	
B	0.524	0.539	13.30	13.70	
C	0.374	0.413	9.50	10.50	
D	0.323	0.339	8.20	8.60	
E	0.091	0.114	2.30	2.90	
F	0.343	0.366	8.70	9.30	
G	0.382	0.406	9.70	10.30	
H	0.189	0.205	4.80	5.20	
J	0.098	0.138	2.50	3.50	
K	0.067	0.106	1.70	2.70	
L	0.020	0.028	0.50	0.70	

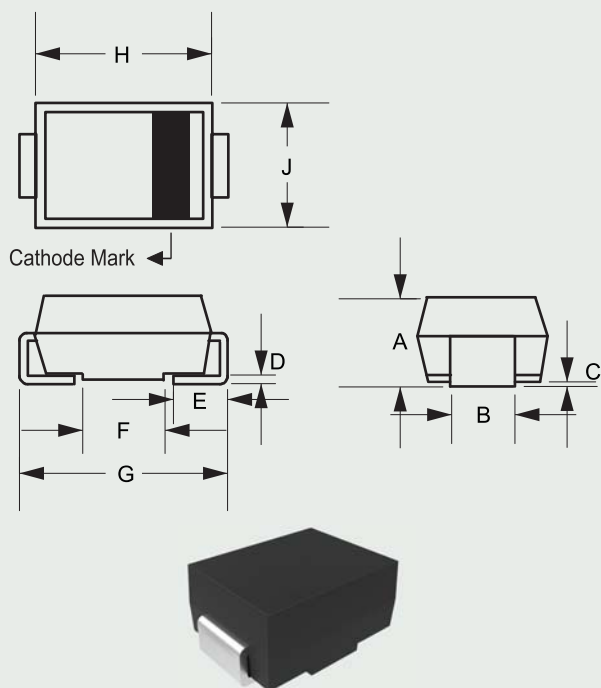
SMA(DO-214AC)



DIMENSIONS

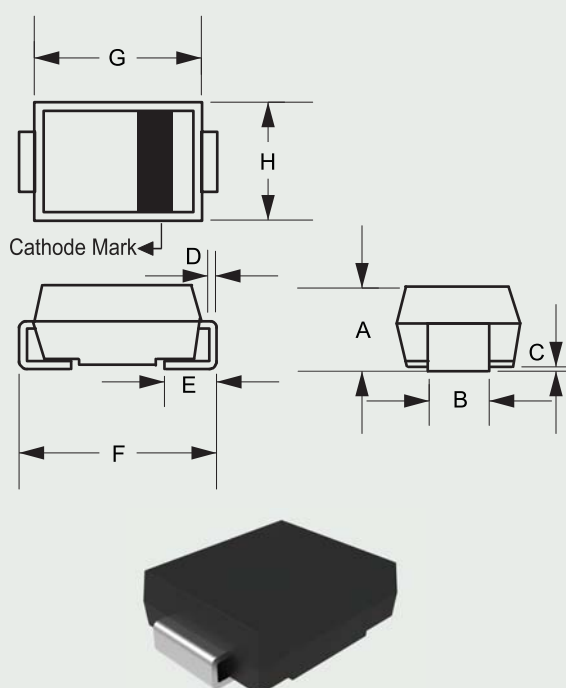
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.075	0.096	1.90	2.44	
B	0.050	0.064	1.27	1.63	
C	0.002	0.008	0.051	0.203	
D	---	0.020	---	0.51	
E	0.030	0.060	0.76	1.52	
F	0.065	0.091	1.65	2.32	
G	0.189	0.220	4.80	5.59	
H	0.157	0.187	4.00	4.75	
J	0.090	0.115	2.25	2.92	

SMB(DO-214AA)



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.079	0.103	2.00	2.62	
B	0.075	0.087	1.91	2.21	
C	0.002	0.008	0.05	0.20	
D	0.006	0.012	0.15	0.31	
E	0.030	0.060	0.76	1.52	
F	0.065	0.091	1.65	2.32	
G	0.200	0.220	5.08	5.59	
H	0.160	0.191	4.06	4.85	
J	0.130	0.155	3.30	3.94	

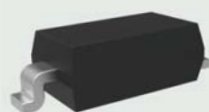
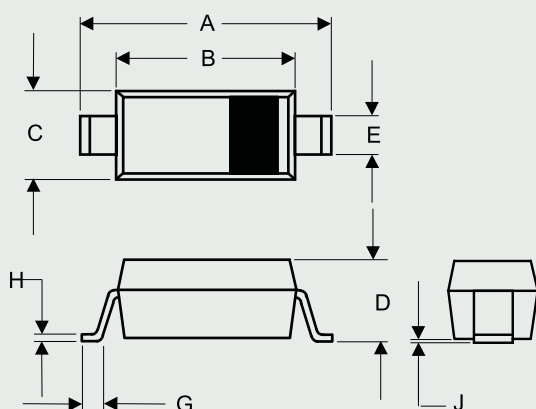
SMC(DO-214AB)



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.079	0.103	2.00	2.62	
B	0.108	0.128	2.75	3.25	
C	0.002	0.008	0.051	0.203	
D	0.006	0.012	0.152	0.305	
E	0.030	0.060	0.76	1.52	
F	0.305	0.320	7.75	8.13	
G	0.260	0.280	6.60	7.11	
H	0.220	0.245	5.59	6.22	

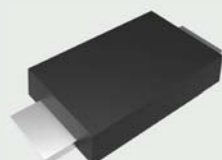
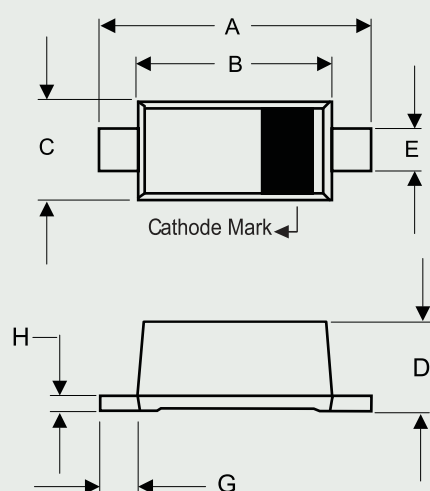
Package Outline

SOD-123



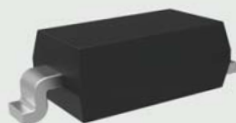
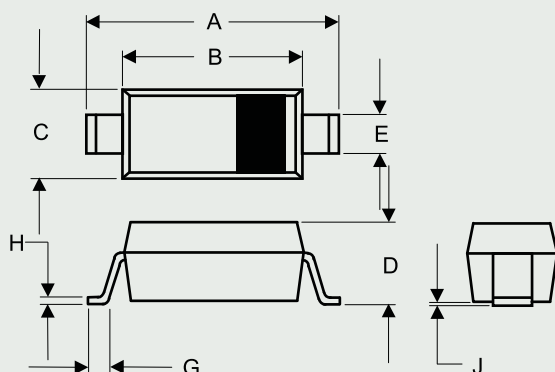
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.140	0.152	3.55	3.85	
B	0.100	0.112	2.55	2.85	
C	0.055	0.071	1.40	1.80	
D	----	0.053	----	1.35	
E	0.018	0.026	0.45	0.65	
G	0.006	----	0.15	----	
H	----	0.010	----	0.25	
J	----	0.006	----	0.15	

SOD-123FL



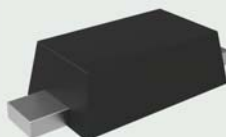
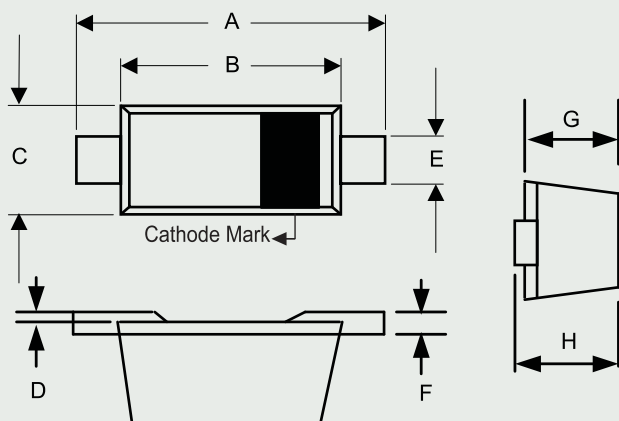
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.130	0.152	3.30	3.85	
B	0.100	0.122	2.55	3.10	
C	0.055	0.075	1.40	1.90	
D	0.035	0.053	0.90	1.35	
E	0.020	0.041	0.50	1.05	
G	0.010	----	0.25	----	
H	----	0.010	----	0.25	

SOD-323



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.090	0.107	2.30	2.70	
B	0.063	0.071	1.60	1.80	
C	0.045	0.053	1.15	1.35	
D	0.031	0.045	0.80	1.15	
E	0.010	0.016	0.25	0.40	
G	0.004	0.018	0.10	0.45	
H	0.004	0.010	0.10	0.25	
J	-----	0.006	-----	0.15	

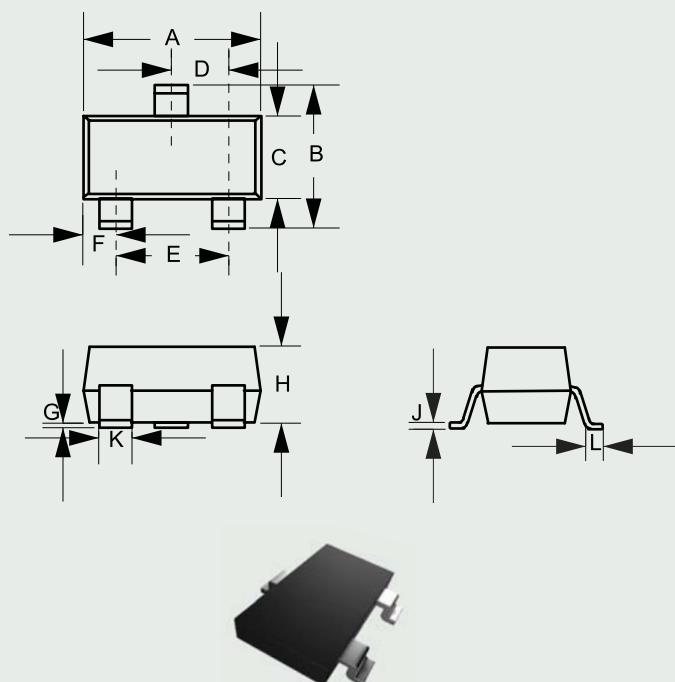
SOD-523



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.059	0.067	1.50	1.70	
B	0.043	0.051	1.10	1.30	
C	0.030	0.033	0.75	0.85	
D	0.000	0.003	0.00	0.07	
E	0.010	0.014	0.25	0.35	
F	0.003	0.008	0.08	0.20	
G	0.020	0.026	0.50	0.65	
H	0.020	0.026	0.50	0.65	

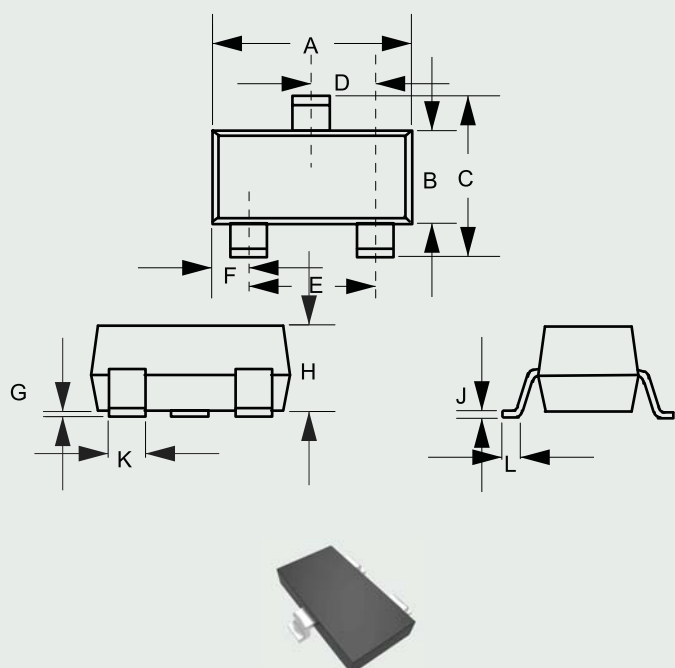
Package Outline

SOT-23



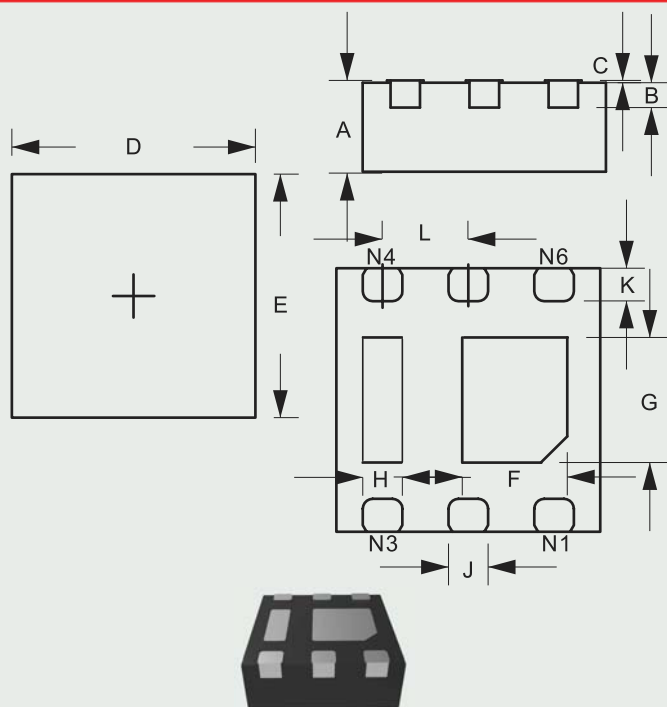
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.110	0.120	2.80	3.04	
B	0.083	0.104	2.10	2.64	
C	0.047	0.055	1.20	1.40	
D	0.034	0.041	0.85	1.05	
E	0.067	0.083	1.70	2.10	
F	0.018	0.024	0.45	0.60	
G	0.0004	0.006	0.01	0.15	
H	0.035	0.043	0.90	1.10	
J	0.003	0.007	0.08	0.18	
K	0.012	0.020	0.30	0.51	
L	0.007	0.020	0.20	0.50	

SOT-323



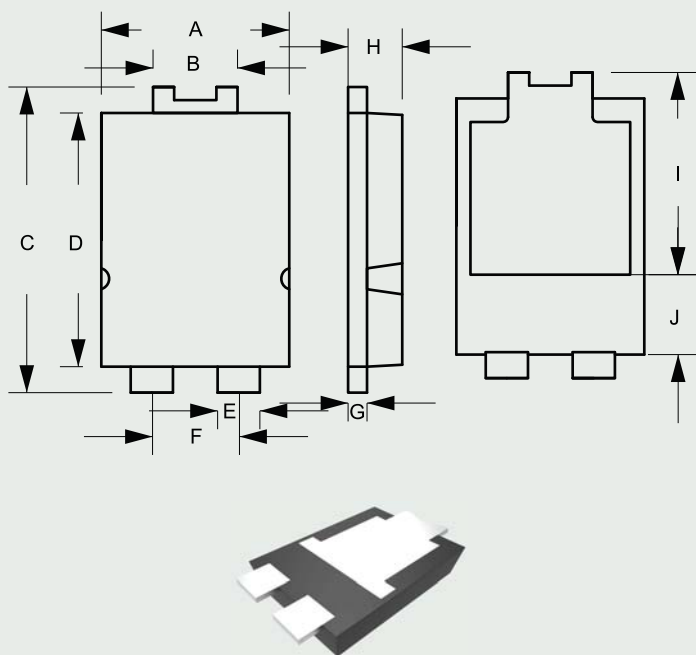
DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.071	0.087	1.80	2.20	
B	0.045	0.053	1.15	1.35	
C	0.083	0.096	2.10	2.45	
D	0.026		0.65		TYP.
E	0.047	0.055	1.20	1.40	
F	0.012	0.016	0.30	0.40	
G	0.000	0.004	0.00	0.10	
H	0.035	0.044	0.90	1.10	
J	0.002	0.010	0.05	0.25	
K	0.006	0.016	0.15	0.40	
L	0.010	0.018	0.26	0.46	

DFN2020-6LE



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.030	0.033	0.750	0.850	
B	0.008		0.200		REF.
C	0.000	0.002	0.000	0.050	
D	0.075	0.083	1.900	2.100	
E	0.075	0.083	1.900	2.100	
F	0.024	0.031	0.610	0.810	
G	0.028	0.036	0.710	0.910	
H	0.008	0.016	0.200	0.400	
J	0.010	0.014	0.250	0.350	
K	0.008	0.012	0.200	0.300	
L	0.026		0.650		TYP.

TO-277



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.154	0.161	3.90	4.10	
B	0.067	0.075	1.70	1.90	
C	0.252	0.260	6.40	6.60	
D	0.209	0.217	5.30	5.50	
E	0.031	0.039	0.80	1.00	
F	0.071	0.075	1.80	1.90	
G	0.014	0.018	0.35	0.45	
H	0.043	0.047	1.10	1.20	
I	0.161	0.177	4.10	4.50	
J	0.059	0.075	1.50	1.90	

Certifications

IATF 16949 : 2016



Certificat Certificate

N°40036-3
N° IATF : 0306523

AFNOR Certification certifie que le système de management mis en place par :
AFNOR Certification certifies that the management system implemented by:

JIANGSU MICRO COMMERCIAL COMPONENTS CORP
江苏美微科半导体有限公司

pour les activités suivantes :
for the following activities:

DESIGN AND MANUFACTURING OF DISCRETE SEMICONDUCTORS.

半导体分立元器件的设计和制造

a été évalué et jugé conforme aux exigences requises par :
has been assessed and found to meet the requirements of:

IATF 16949 : 2016

Sans limitation du chapitre 8.3 de la spécification technique.
Without the exclusion of chapter 8.3 of the technical specification.

et est déployé sur les sites suivants :
and is developed on the following locations:

No.6 West Heye Road, Weyang Economic Development Zone, Hanjiang District, Yangzhou, Jiangsu, China
中国江苏省扬州市江都区姜堰经济开发区西叶路6号

Liste complémentaire des sites supports entrant dans le périmètre de la certification en annexe
Complementary list of support functions within the certification scope on appendix

Ce certificat est valide à compter du (semaine/mois/jour)
This certificate is valid from (year/month/day)

2018-05-22

Jusqu'à
Until

2021-05-21

Version du certificat :
Certificate Version : 2



Franck LEBEUGLE
Directeur Général d'AFNOR Certification
Managing Director of AFNOR Certification



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ISO 9001 : 2015



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N° 2016/71177.2

AFNOR Certification certifies that the management system implemented by:
AFNOR Certification certifie que le système de management mis en place par:

JIANGSU MICRO COMMERCIAL COMPONENTS CORP
江苏美微科半导体有限公司

Unified Social Credit Code / Code Crédit Social Unifié / 统一社会信用代码: 1. 91321000331115910D

for the following activities:
pour les activités suivantes:

DESIGN AND MANUFACTURING OF DISCRETE SEMICONDUCTORS.
半导体分立元器件的设计和制造

has been assessed and found to meet the requirements of:
a été évalué et jugé conforme aux exigences requises par:

ISO 9001 : 2015

and is developed on the following locations:
et est déployé sur les sites suivants:

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中国江苏省扬州市江都区姜堰经济开发区西叶路6号

Support Function: Sales 销售, Contract Review 合同评审, Product Design 产品开发, Process Design 过程开发, Logistics 物流, Customer Service 客户服务, Strategic Planning 战略规划, Management Review 管理评审, Internal Audit Management 内部审核管理, Continuous Improvement 持续改进, Human Resources 人事, Information Technology 信息技术, Calibration 校准, Purchasing 采购, Warehousing 仓储, Testing 测试, Laboratory 实验室
YANGZHOU YANGJIE ELECTRONIC TECHNOLOGY CO., LTD. 扬州聚源电子科技有限公司
Head Office: NO.6, Middle of Chuangyuan Road, Hanjiang District, Yangzhou, Jiangsu, CHINA
中国江苏省扬州市江都区创业园中环路6号

This certificate is valid from (year/month/day)
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2018-05-22

Until
Jusqu'à

2021-05-21



Franck LEBEUGLE
Managing Director of AFNOR Certification
Directeur Général d'AFNOR Certification



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AFNOR CERTIFICATION

ISO 14001 : 2015



Chamber Certification Assessment Services Ltd

This is to certify that the Environment Management Systems of
Jiangsu Micro Commercial Component CORP

Location:

**No.6 West Heye Road, Weyang Economic
Development Zone, Hanjiang District,
Yangzhou, Jiangsu, China**

Have been assessed and registered as meeting the requirement of

ISO14001:2015

Scope Of Approval:

**Environment Management Activities Of Design &
Manufacturing Of Discrete Semiconductors**

For Chamber Certification Assessment Service Limited



Signed by *[Signature]*
Chief Executive

Valid for three years subject to satisfactory surveillance
Date: June 24, 2020 - June 24, 2023
注册号: CE040137

Head Office: Northampton, Littlefield, South W14 0TJ, Tel: 01604 612114, Fax: 01604 612114
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